



Appendix A: DTS (6 dB) Bandwidth

In this document, the “DTS6dBBW” refers to the measured “DTS (6 dB) Bandwidth” value. In this Appendix, the “fc(DTS6dBBW)” refers to the centre of the measured “DTS6dBBW”. The introduction of the “fc(DTS6dBBW)” is due to that other measurements use it as the spectrum analyzer setting.

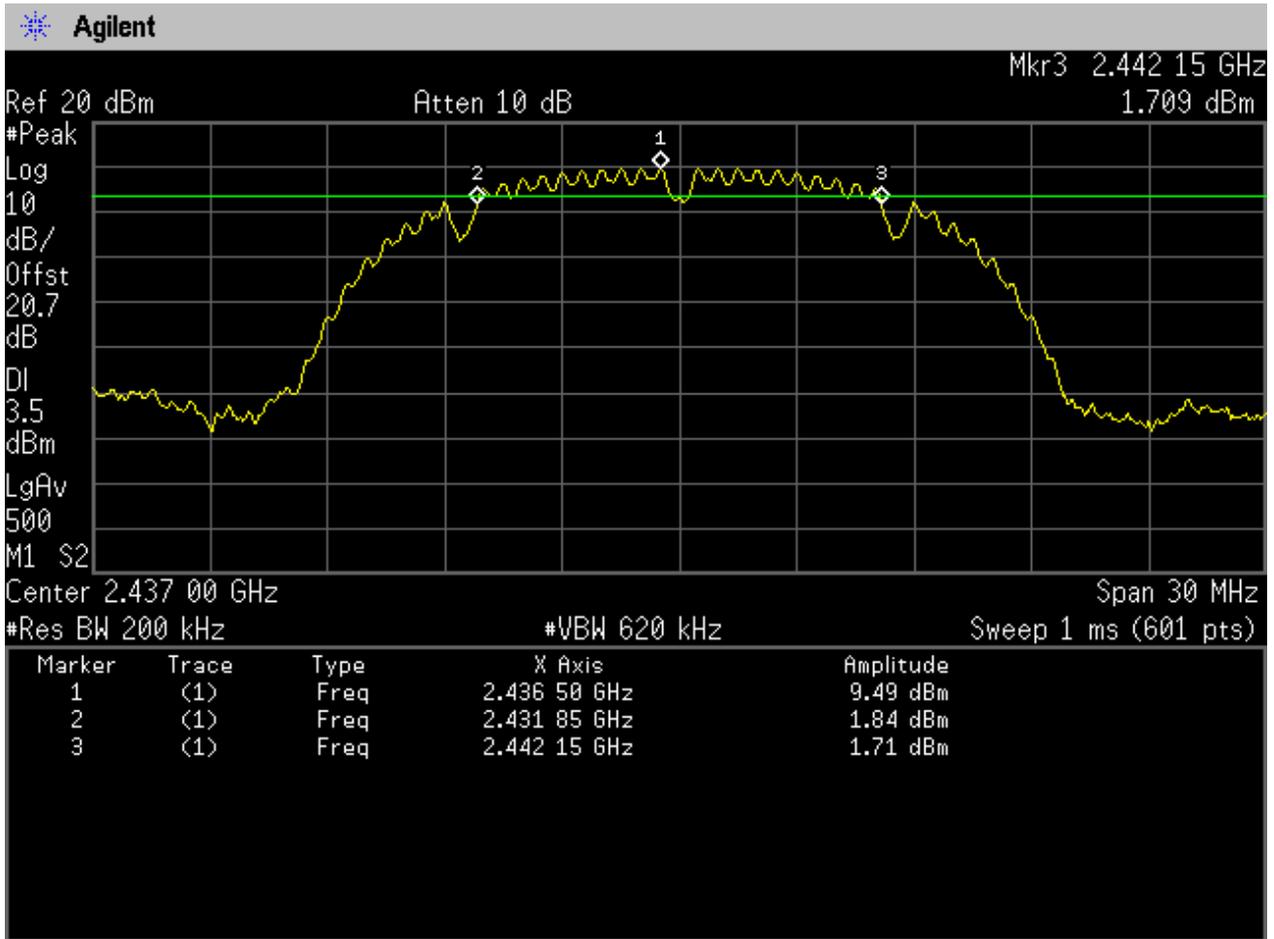
For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain, and used as respective results for each chain.

1 Result Table

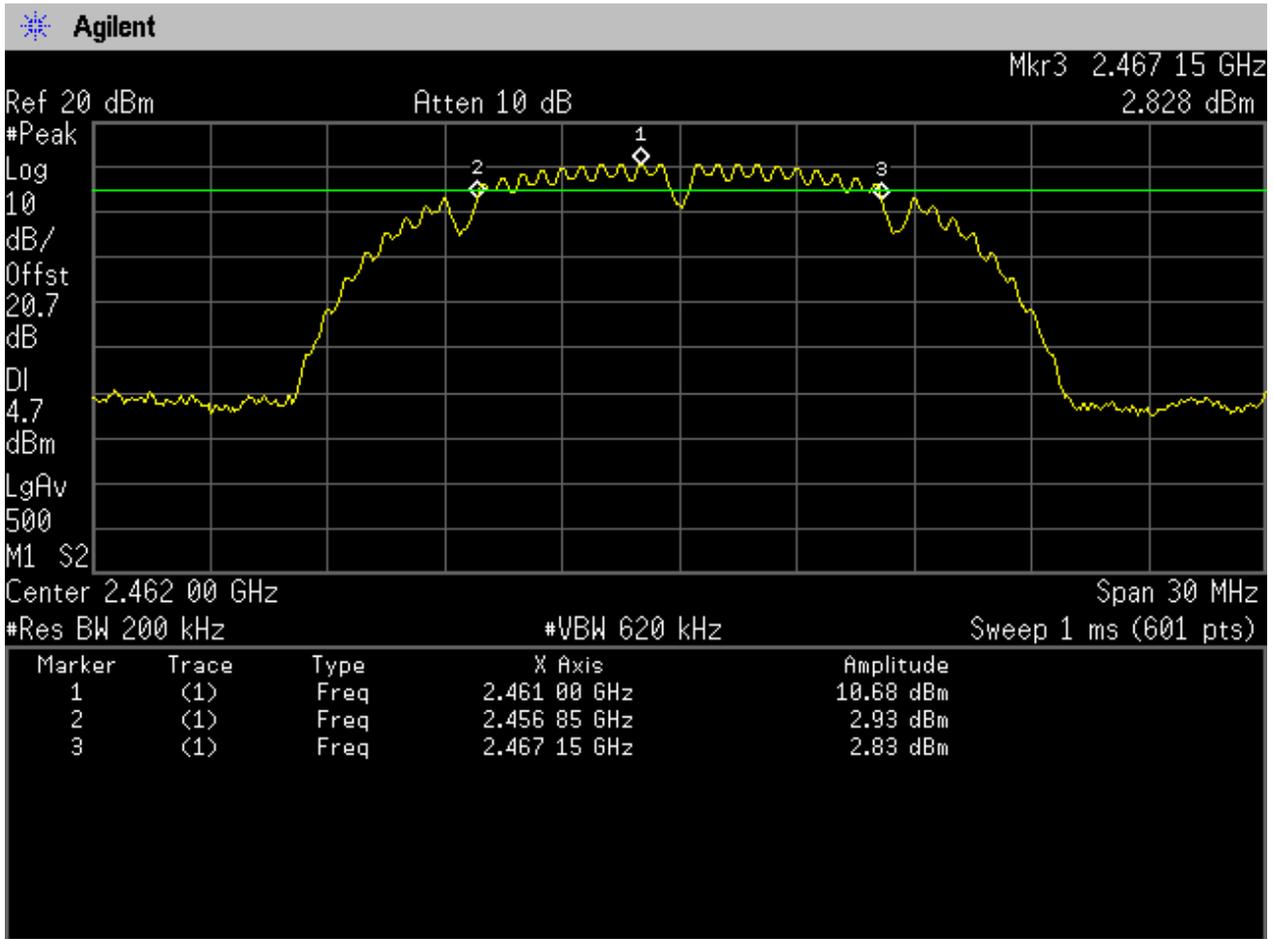
EUT Conf.	Ant.	fc(DTS6dBBW) [MHz]	DTS6dBBW [MHz]	Verdict
11B/1_B@2	Ant 2	2412	10.3	Pass
11B/1_M@2	Ant 2	2437	10.3	Pass
11B/1_T@2	Ant 2	2462	10.3	Pass
11Bd/1_B@1+2	Ant 1	2411.975	10.25	Pass
	Ant 2	2412	10.3	Pass
11Bd/1_M@1+2	Ant 1	2437	10.3	Pass
	Ant 2	2437	10.3	Pass
11Bd/1_T@1+2	Ant 1	2462	10.3	Pass
	Ant 2	2461.975	10.25	Pass
11Bd/1_B@1+2+3	Ant 1	2412	10.3	Pass
	Ant 2	2412	10.3	Pass
	Ant 3	2412.025	10.25	Pass
11Bd/1_M@1+2+3	Ant 1	2437	10.3	Pass
	Ant 2	2437	10.3	Pass
	Ant 3	2436.975	10.25	Pass
11Bd/1_T@1+2+3	Ant 1	2461.975	10.25	Pass
	Ant 2	2461.975	10.25	Pass
	Ant 3	2461.975	10.25	Pass
11G/6_B@2	Ant 2	2412	16.5	Pass
11G/6_M@2	Ant 2	2436.975	16.45	Pass
11G/6_T@2	Ant 2	2462	16.6	Pass
11Gd/6_B@1+2	Ant 1	2412	16.5	Pass
	Ant 2	2411.975	16.55	Pass
11Gd/6_M@1+2	Ant 1	2437	16.5	Pass
	Ant 2	2437.025	16.55	Pass
11Gd/6_T@1+2	Ant 1	2461.975	16.55	Pass
	Ant 2	2462	16.5	Pass
11Gd/6_B@1+2+3	Ant 1	2411.975	16.55	Pass
	Ant 2	2412	16.6	Pass
	Ant 3	2412	16.6	Pass
11Gd/6_M@1+2+3	Ant 1	2436.975	16.55	Pass



EUT Conf.	Ant.	fc(DTS6dBBW) [MHz]	DTS6dBBW [MHz]	Verdict
	Ant 2	2437	16.6	Pass
	Ant 3	2436.975	16.55	Pass
11Gd/6_T@1+2+3	Ant 1	2462	16.5	Pass
	Ant 2	2462.025	16.65	Pass
	Ant 3	2462	16.6	Pass
11N20/0_B@2	Ant 2	2412	17.7	Pass
11N20/0_M@2	Ant 2	2437	17.7	Pass
11N20/0_T@2	Ant 2	2462	17.7	Pass
11N20m/8_B@1+2	Ant 1	2411.975	17.75	Pass
	Ant 2	2412	17.9	Pass
11N20m/8_M@1+2	Ant 1	2436.975	17.85	Pass
	Ant 2	2437	17.9	Pass
11N20m/8_T@1+2	Ant 1	2462	17.8	Pass
	Ant 2	2461.975	17.75	Pass
11N20m/16_B@1+2 +3	Ant 1	2412.025	17.75	Pass
	Ant 2	2412.025	17.75	Pass
	Ant 3	2412	17.7	Pass
11N20m/16_M@1+2 +3	Ant 1	2437	17.8	Pass
	Ant 2	2437	17.7	Pass
	Ant 3	2436.975	17.75	Pass
11N20m/16_T@1+2 +3	Ant 1	2462	17.8	Pass
	Ant 2	2462.025	17.75	Pass
	Ant 3	2461.975	17.65	Pass

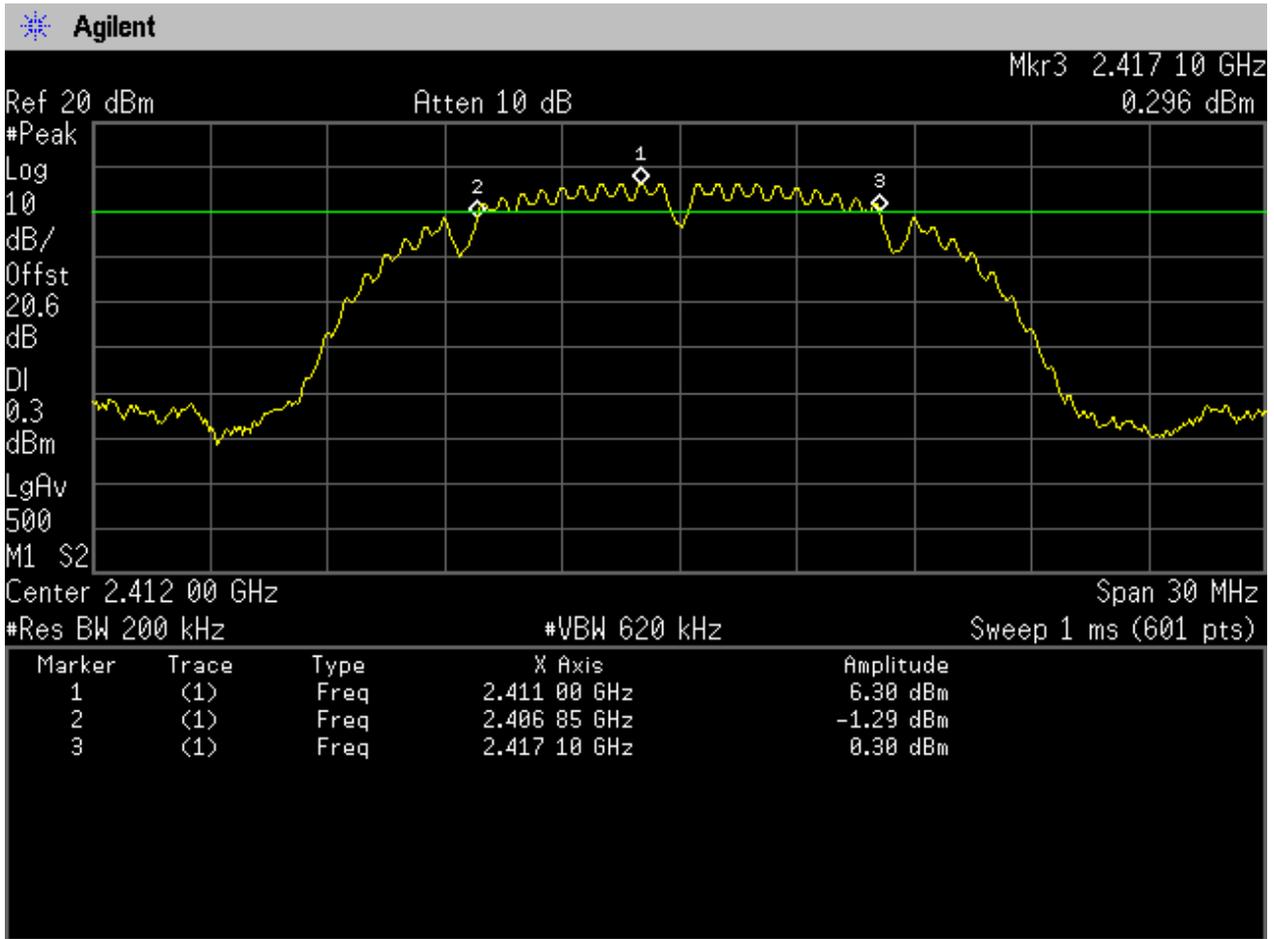


2.3 11B/1_T@2

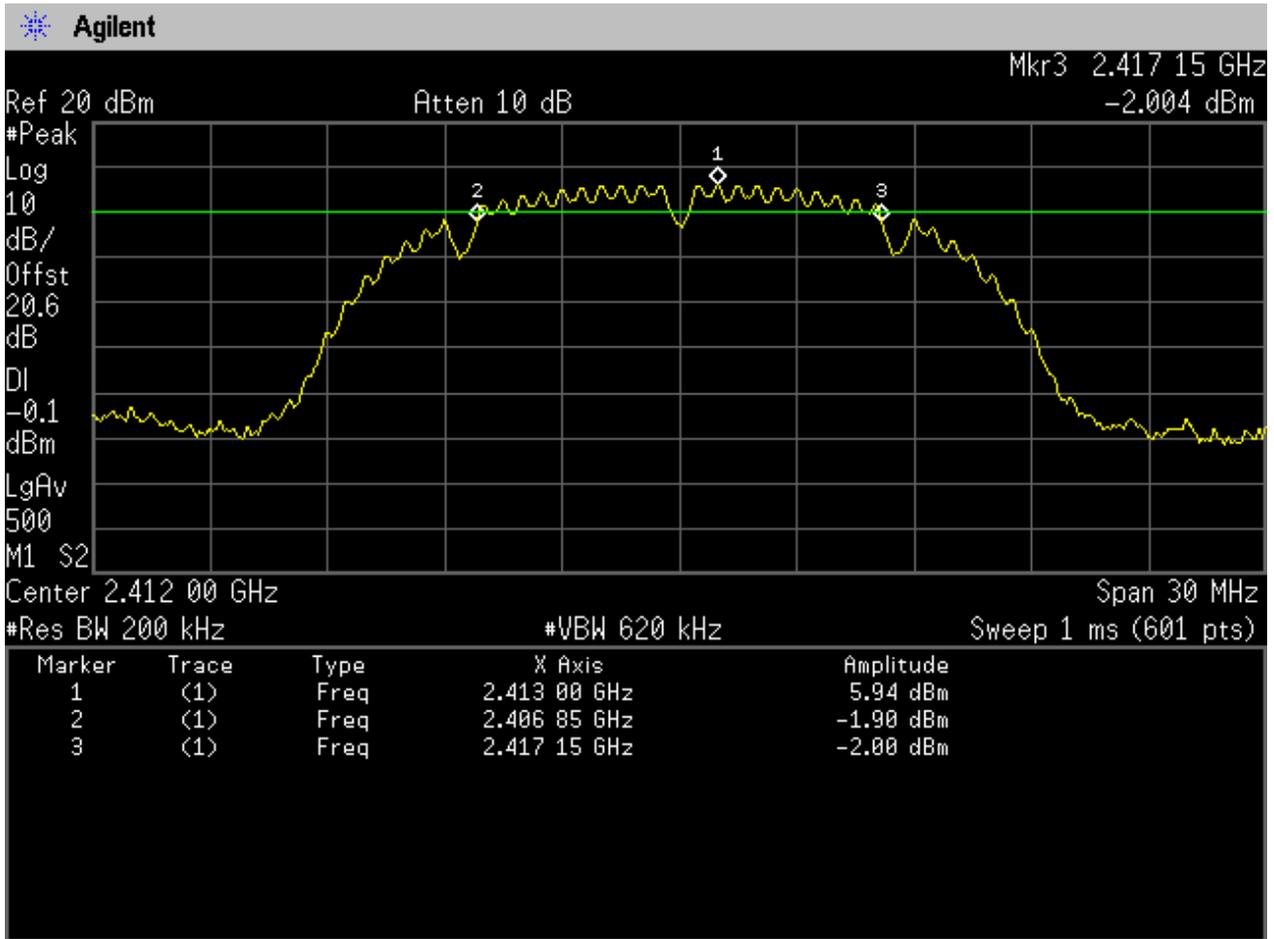


2.4 11Bd/1_B@1+2

2.4.1 Ant 1

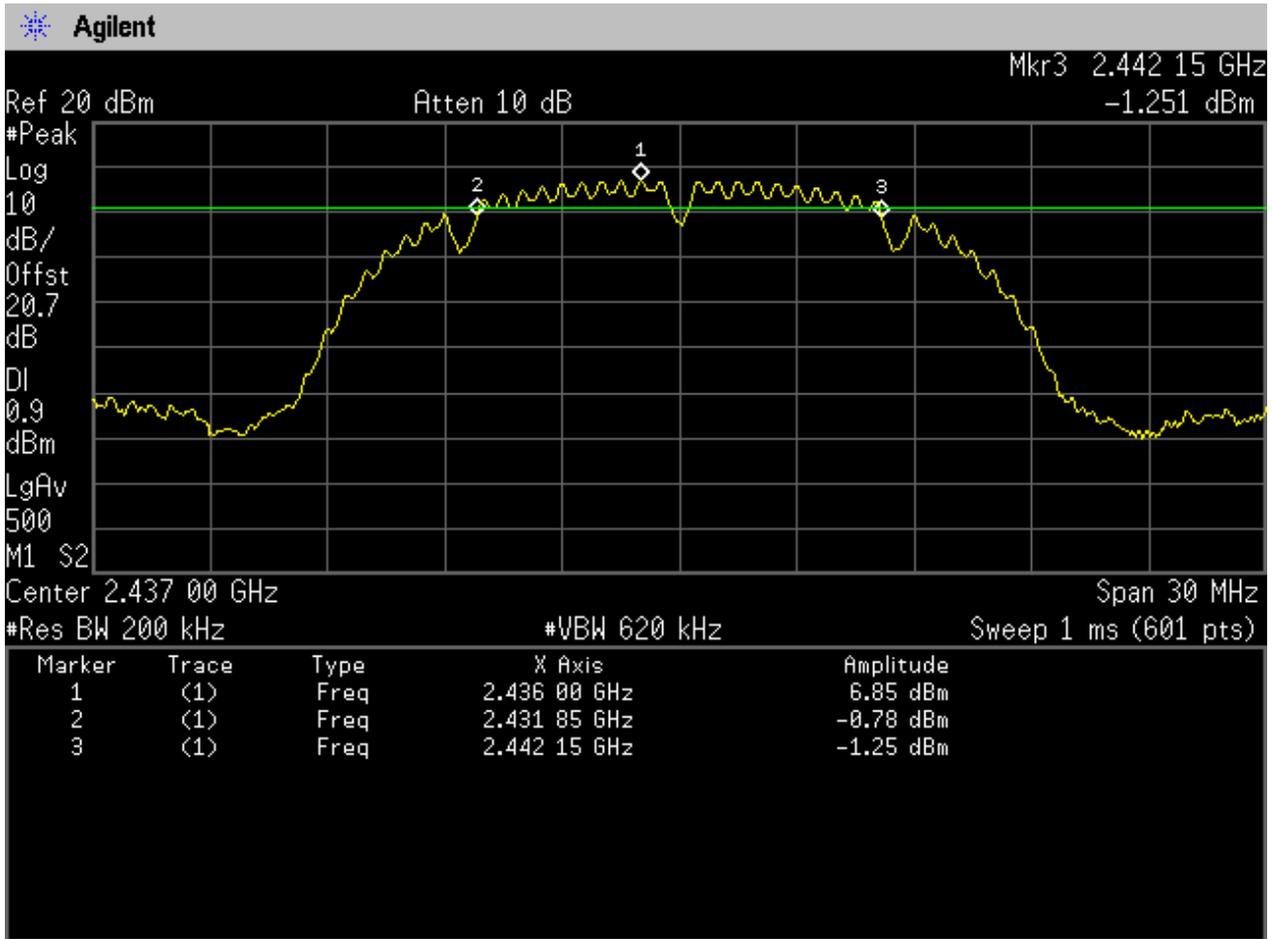


2.4.2 Ant 2

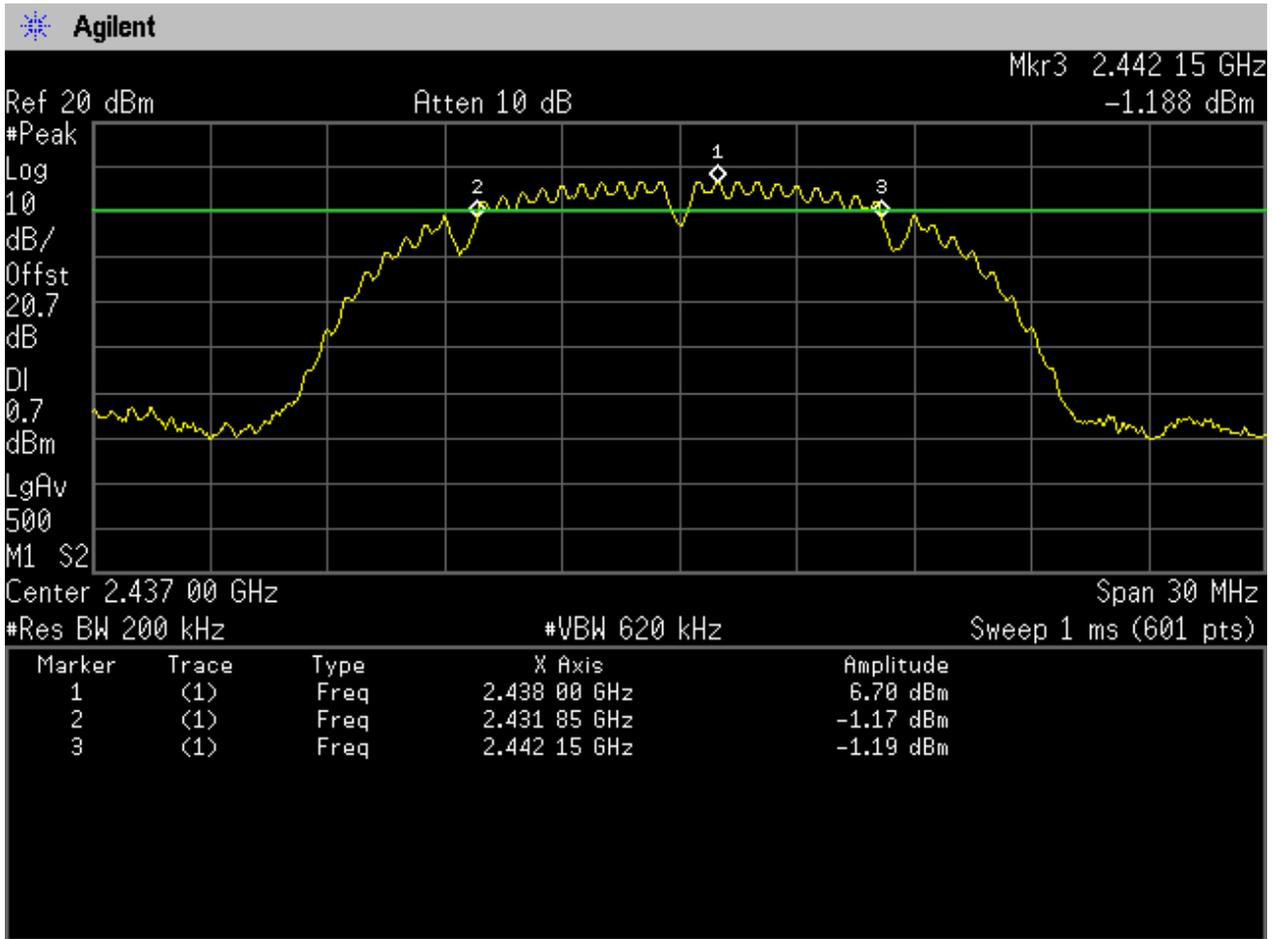


2.5 11Bd/1_M@1+2

2.5.1 Ant 1

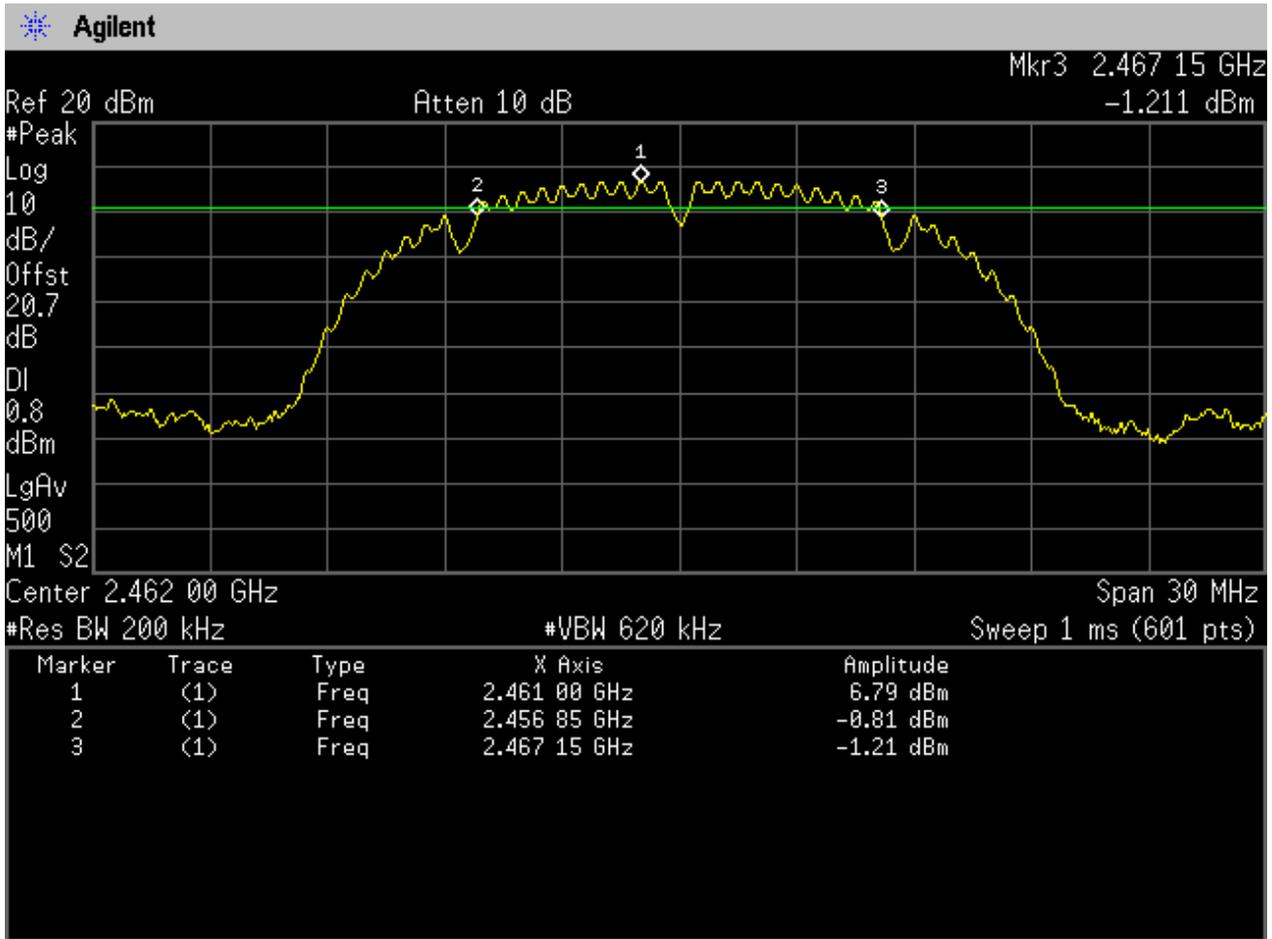


2.5.2 Ant 2

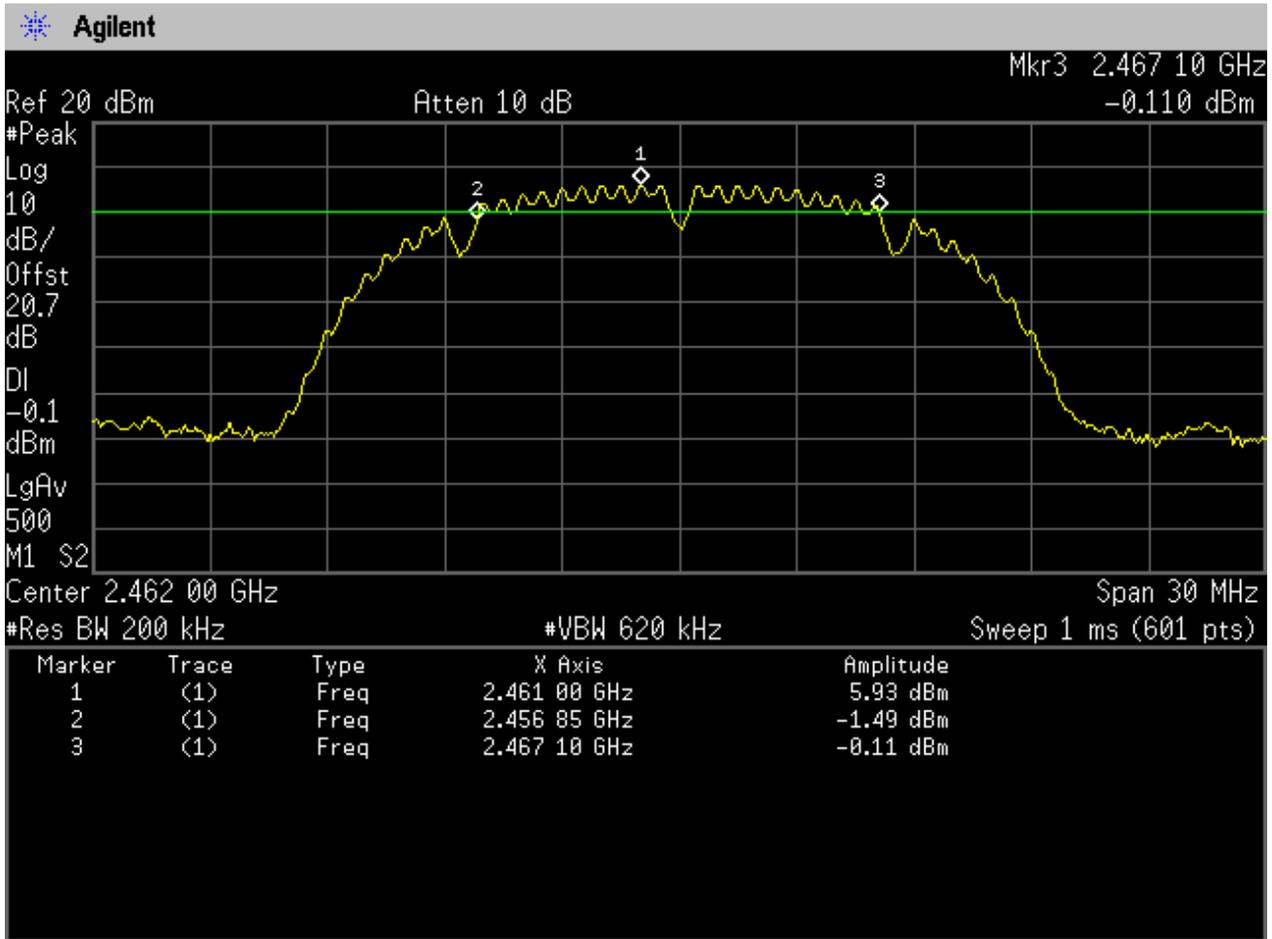


2.6 11Bd/1_T@1+2

2.6.1 Ant 1

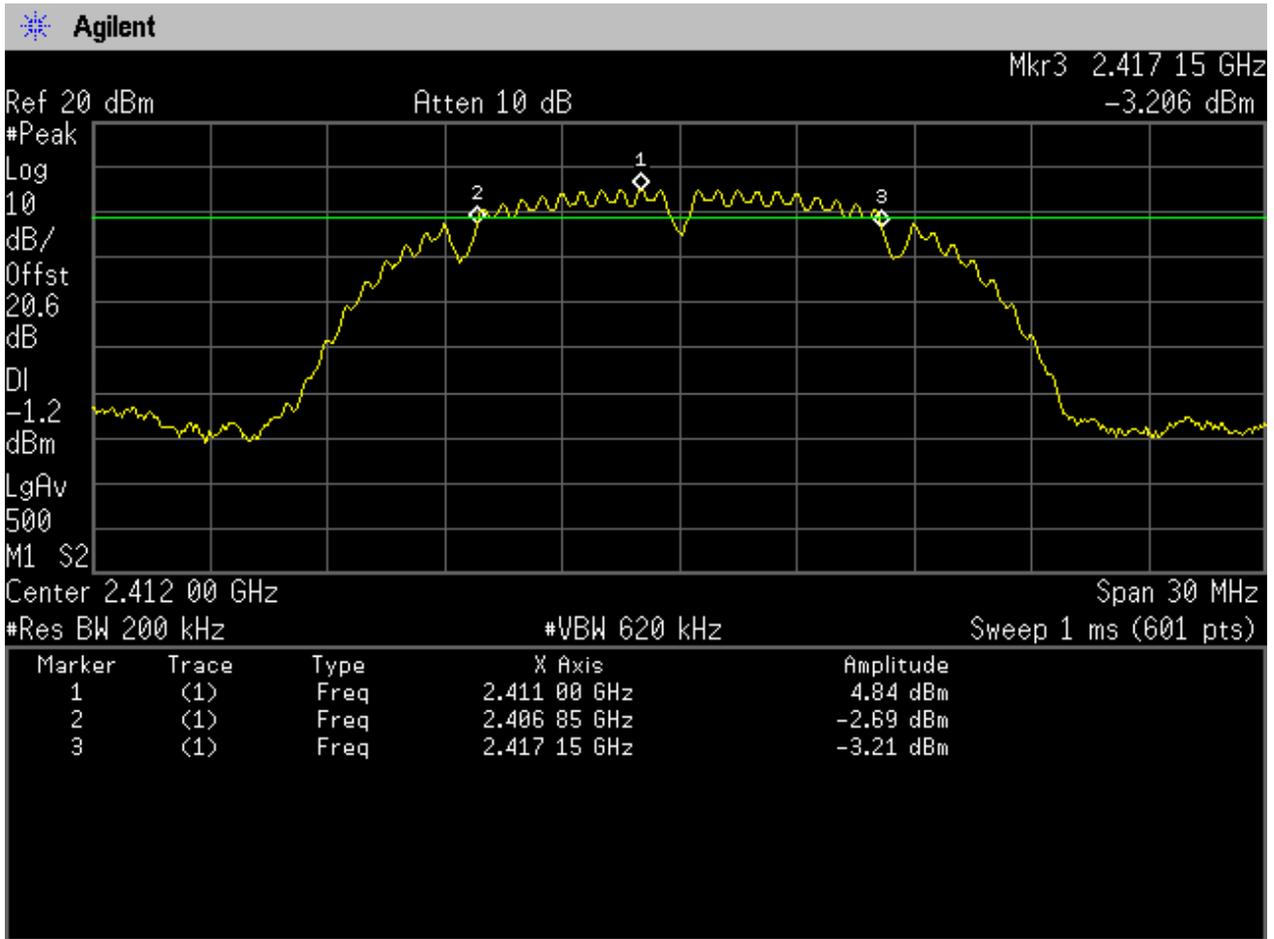


2.6.2 Ant 2

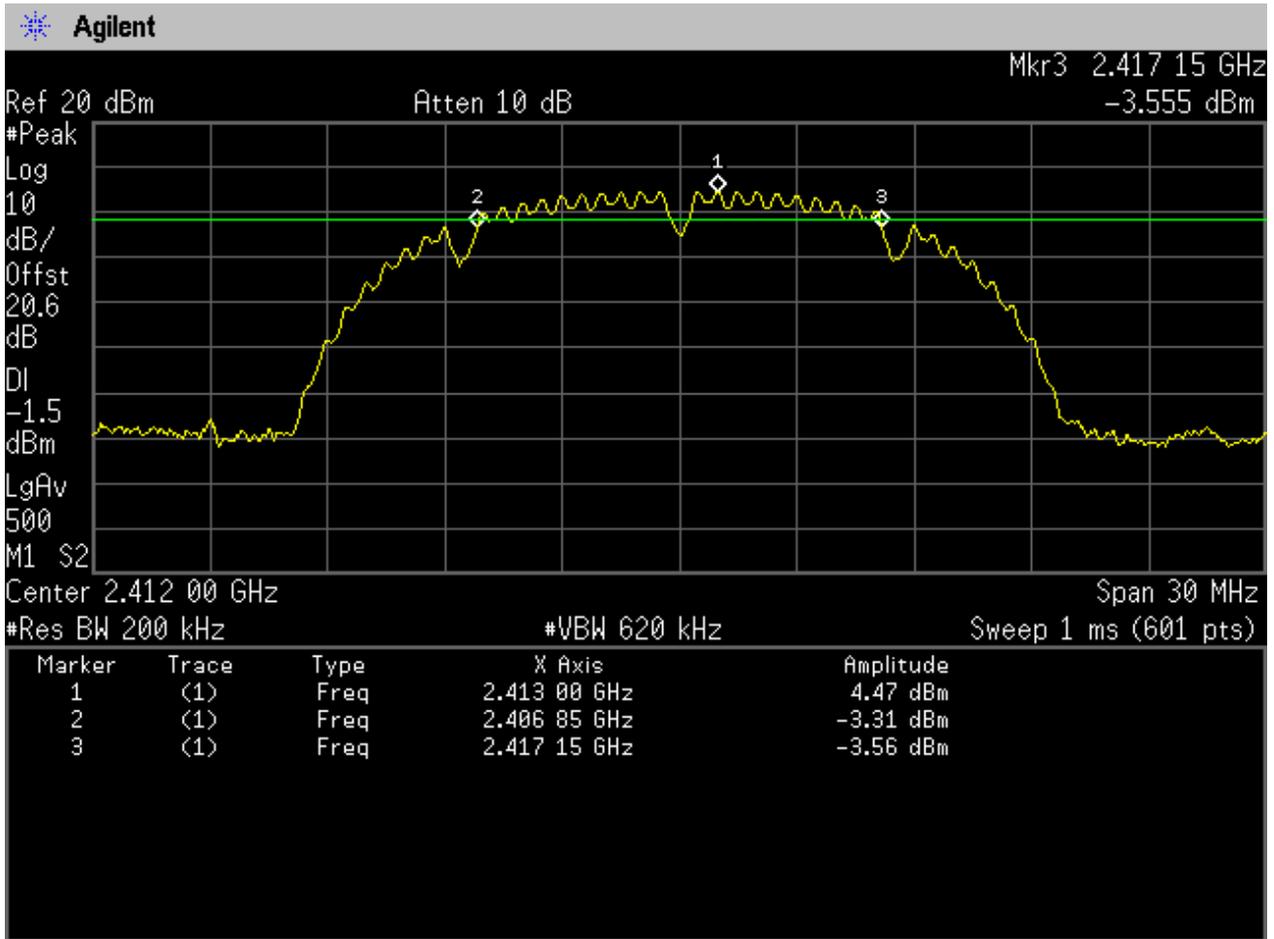


2.7 11Bd/1_B@1+2+3

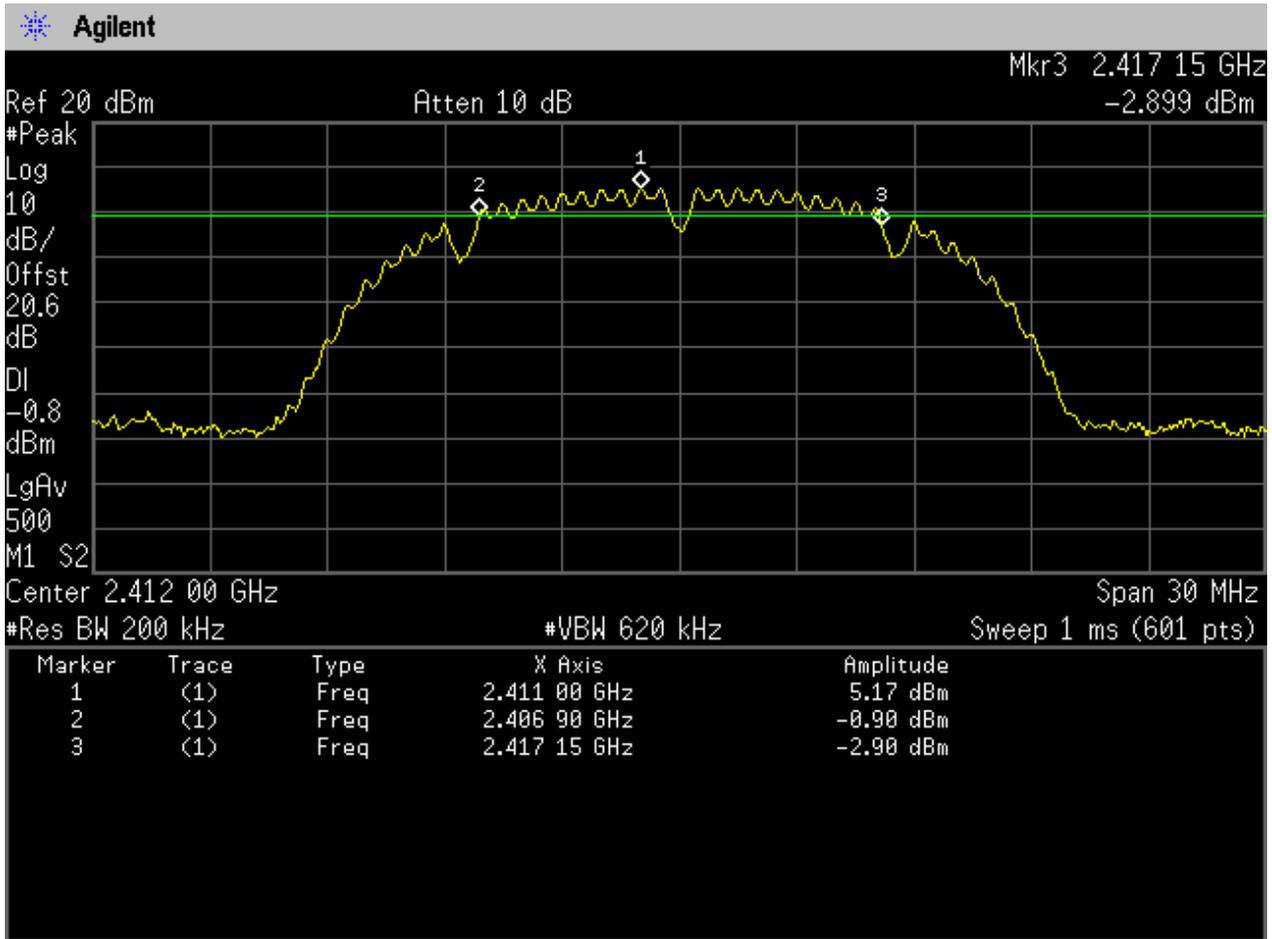
2.7.1 Ant 1



2.7.2 Ant 2

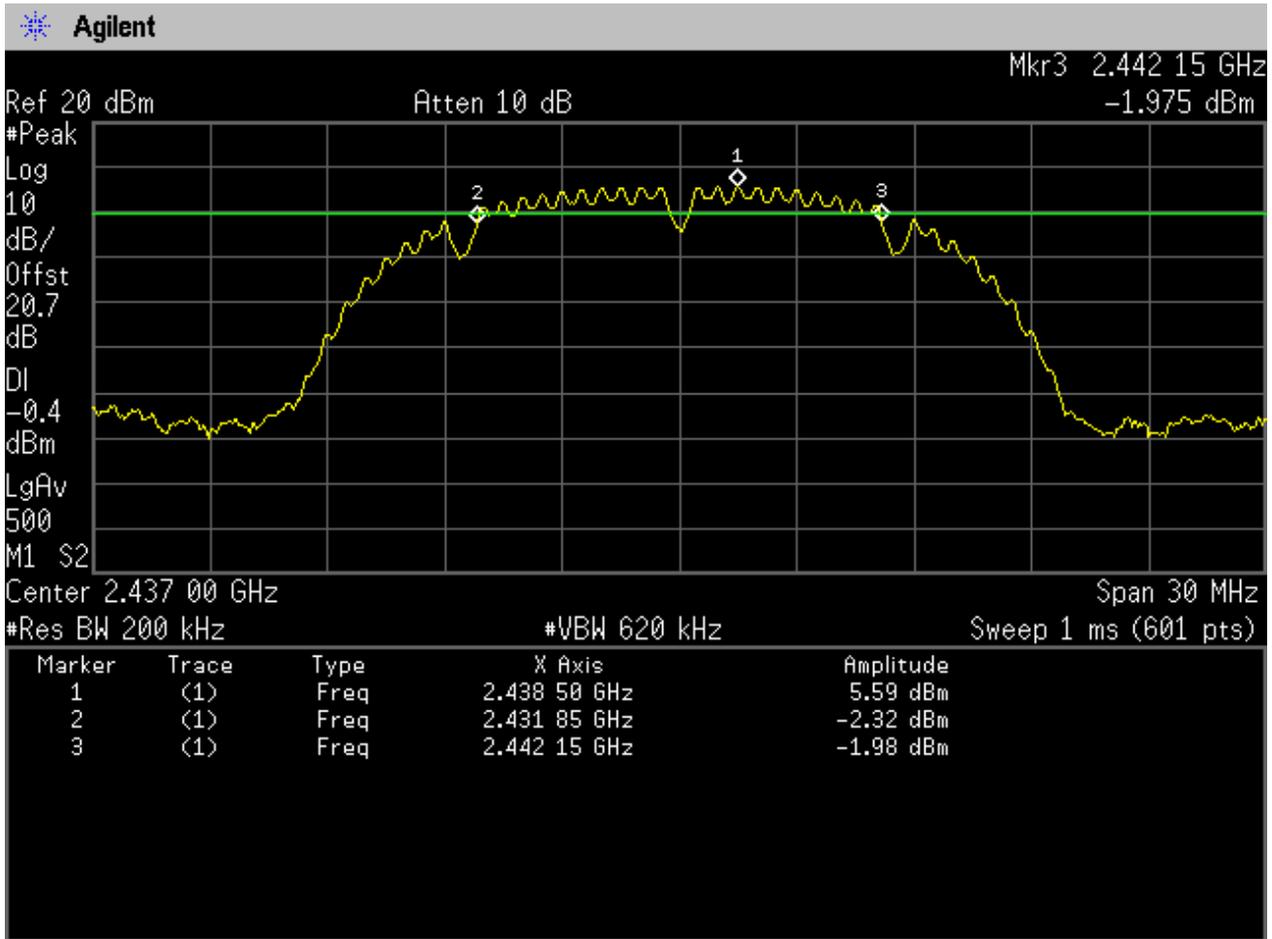


2.7.3 Ant 3

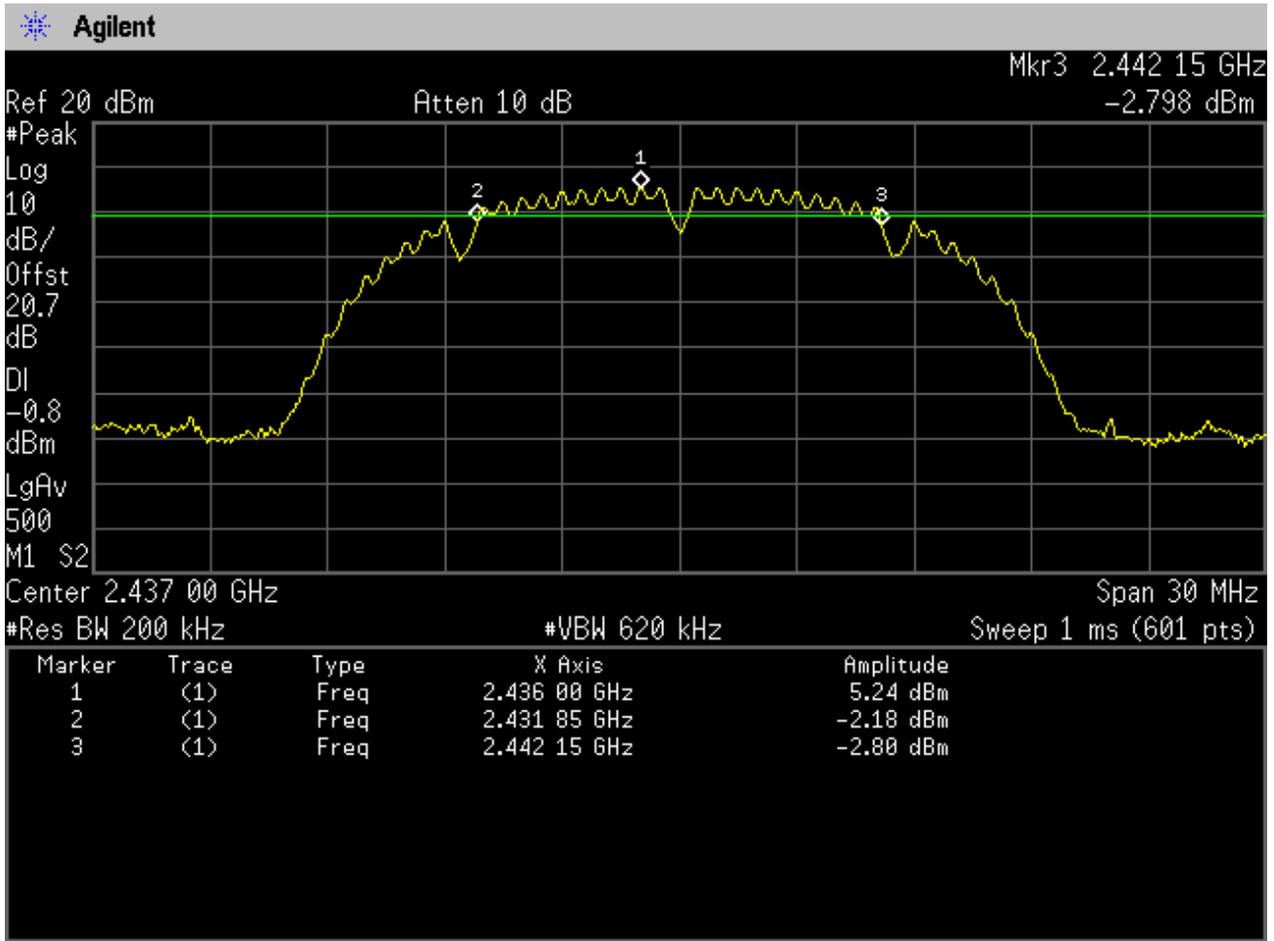


2.8 11Bd/1_M@1+2+3

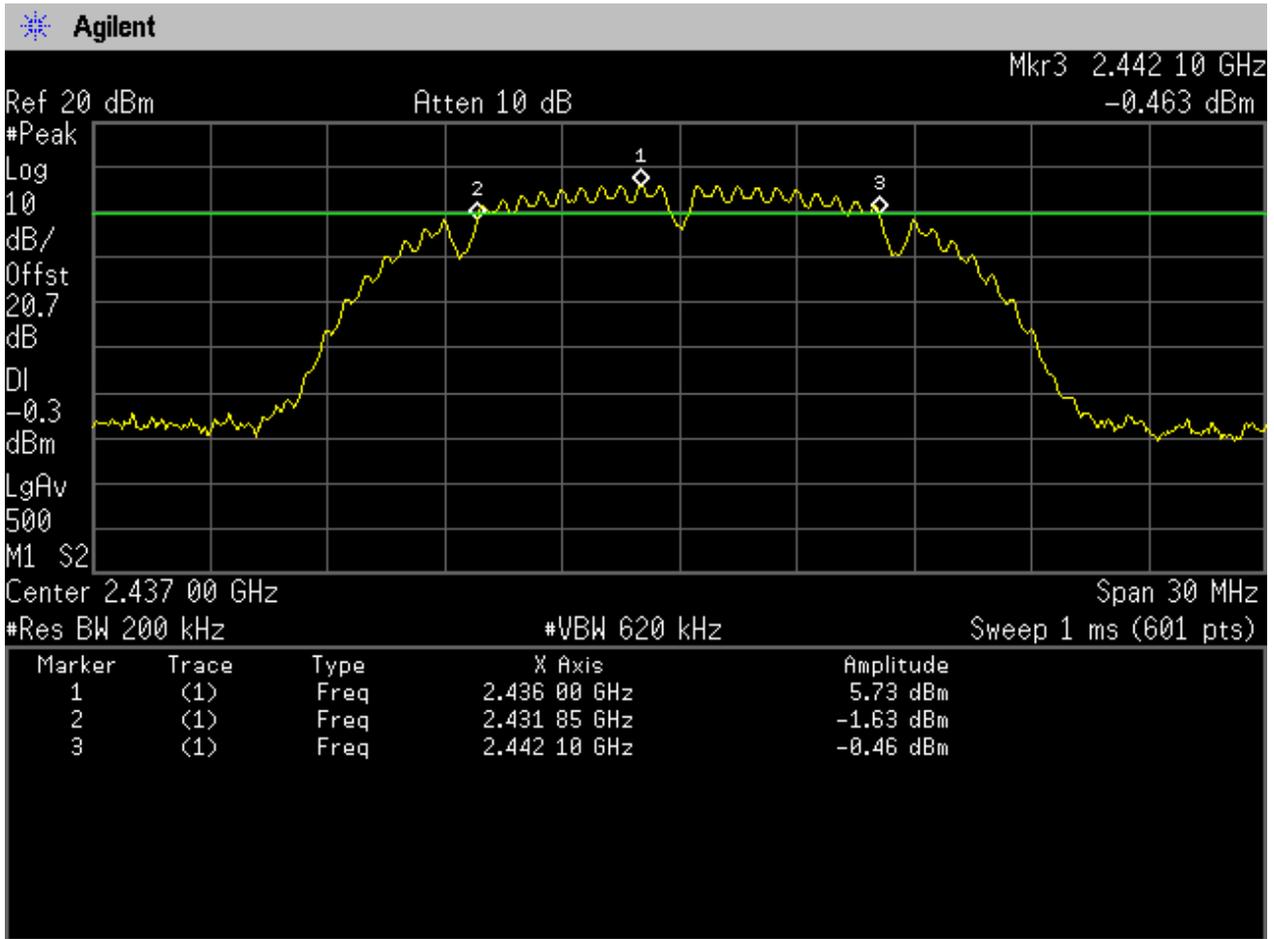
2.8.1 Ant 1



2.8.2 Ant 2

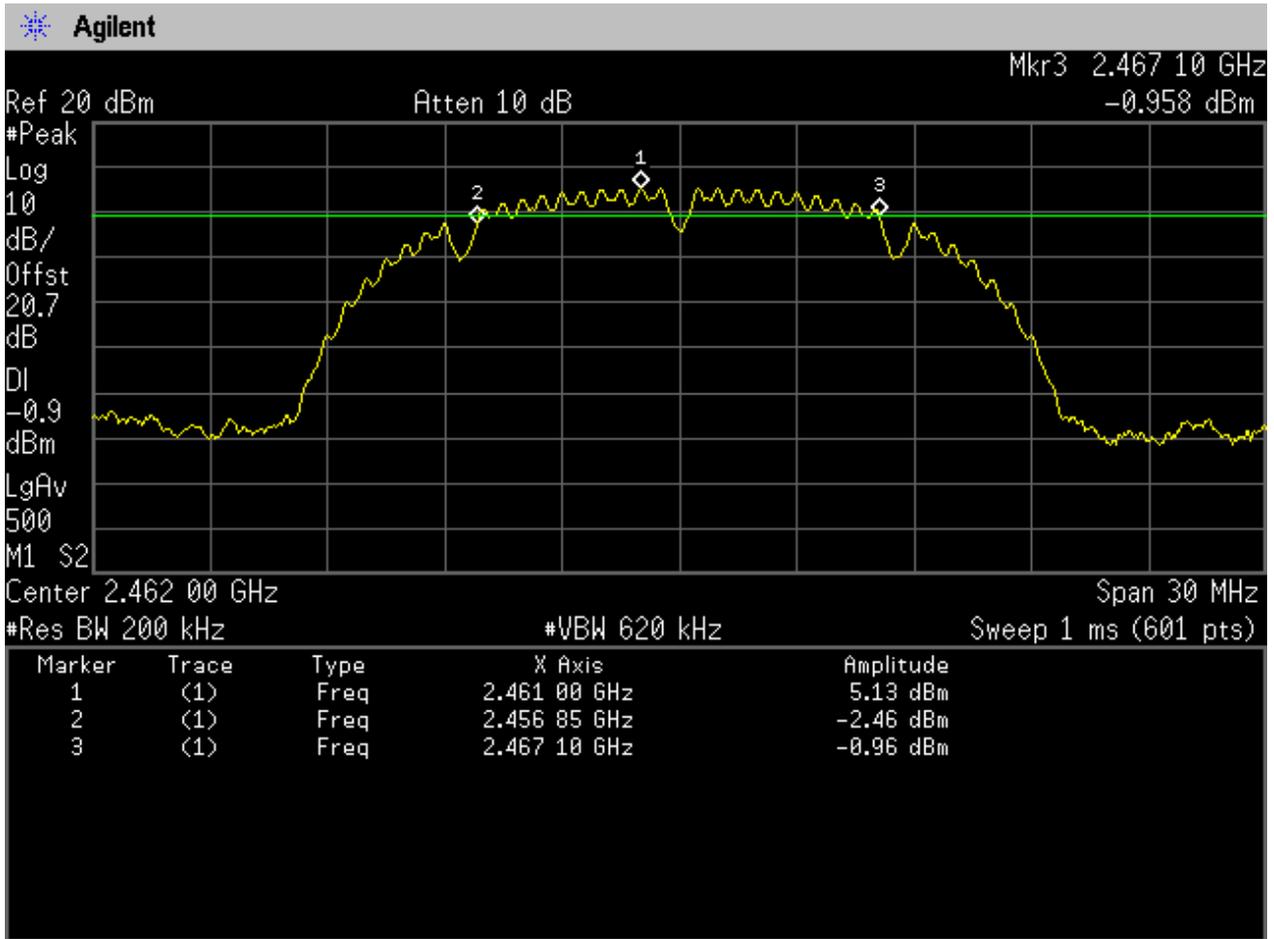


2.8.3 Ant 3

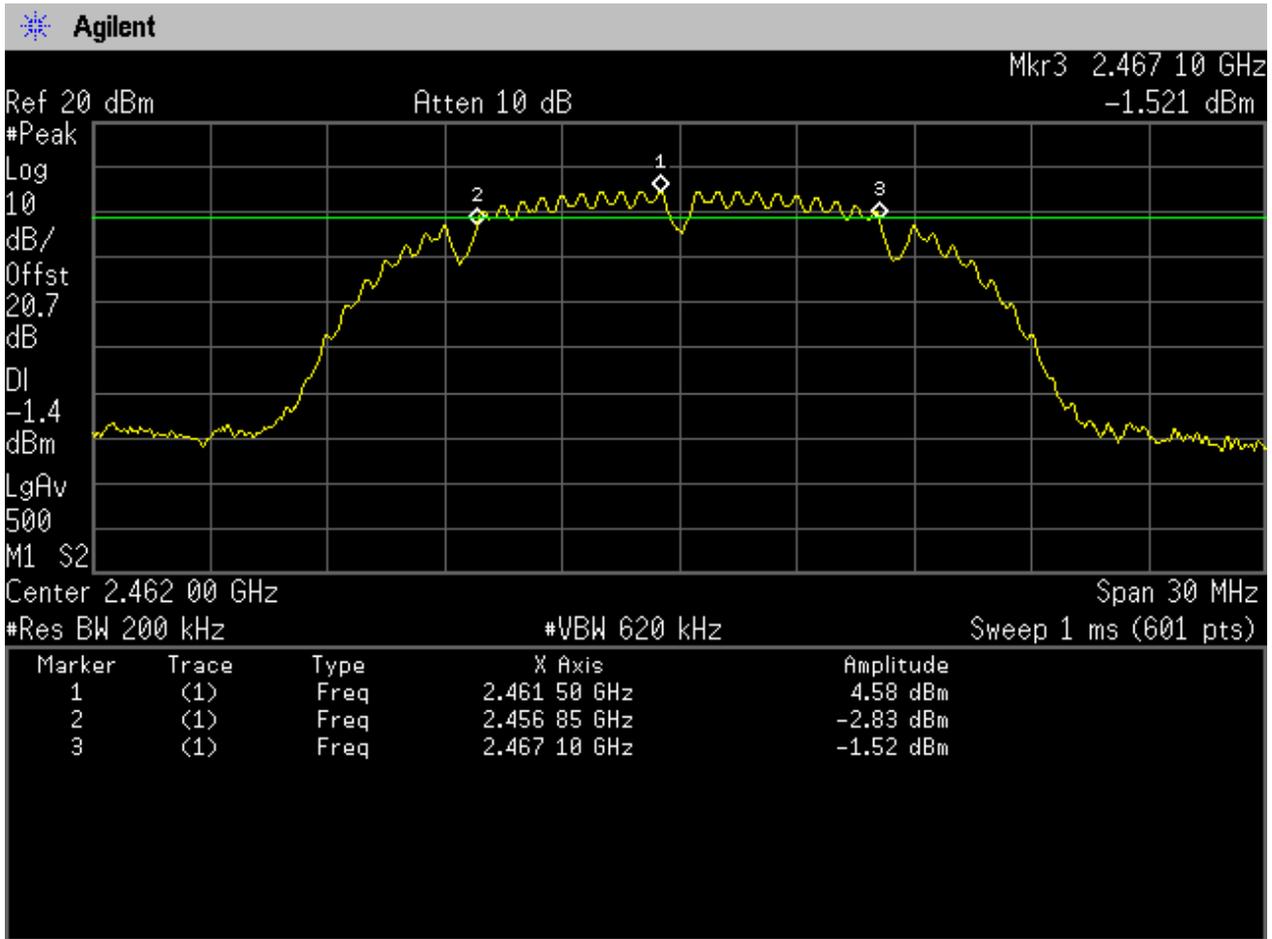


2.9 11Bd/1_T@1+2+3

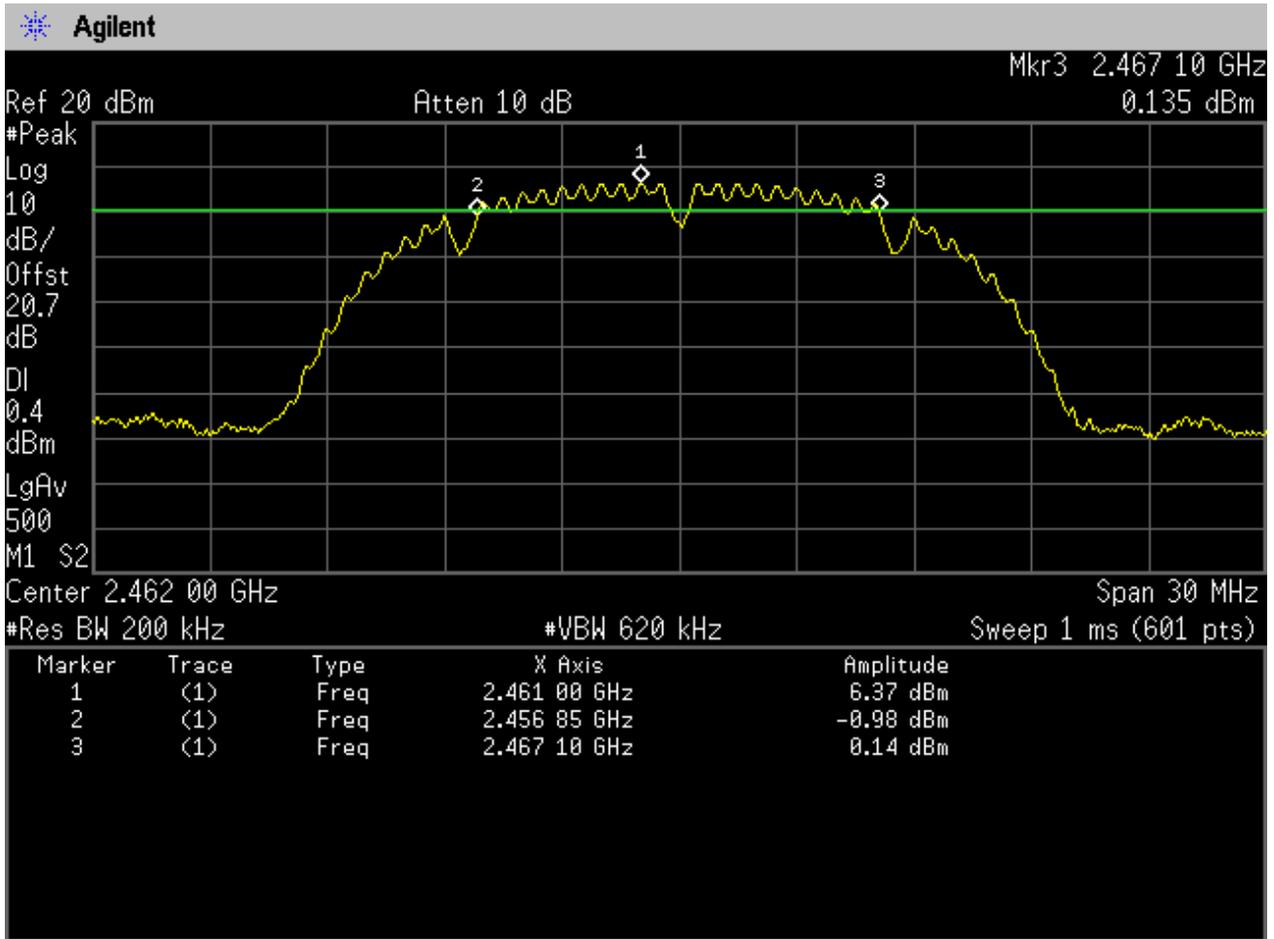
2.9.1 Ant 1



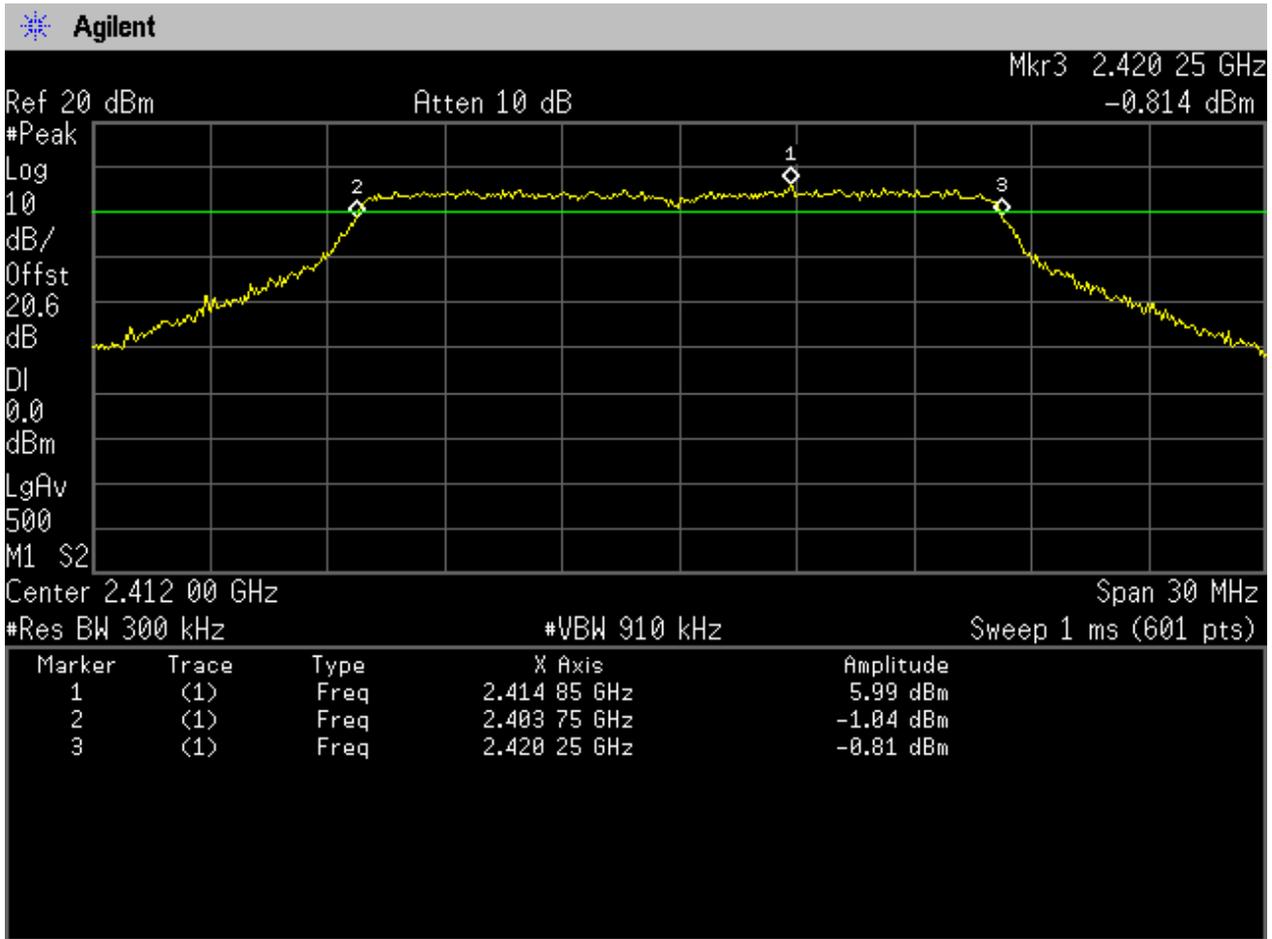
2.9.2 Ant 2



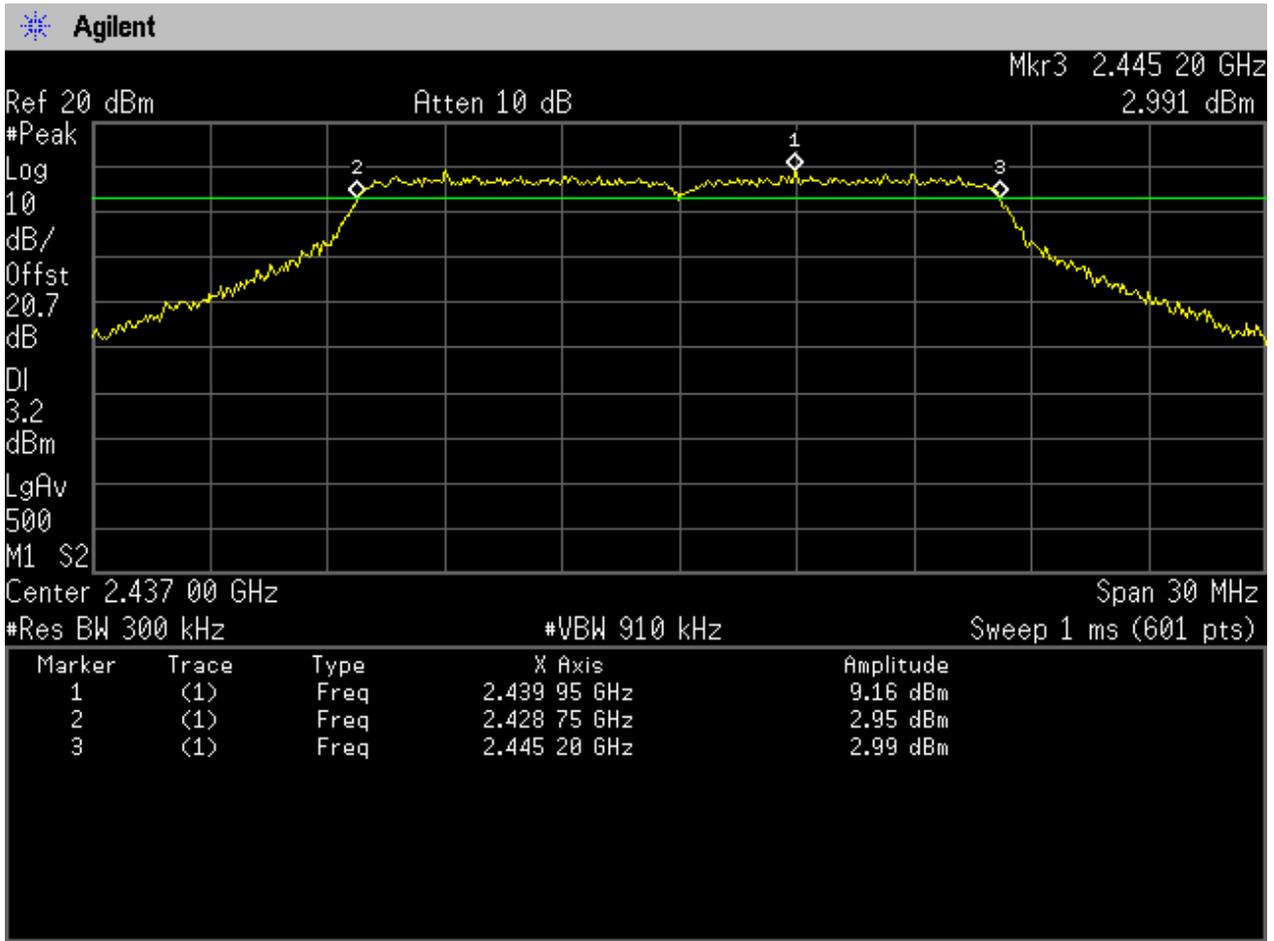
2.9.3 Ant 3



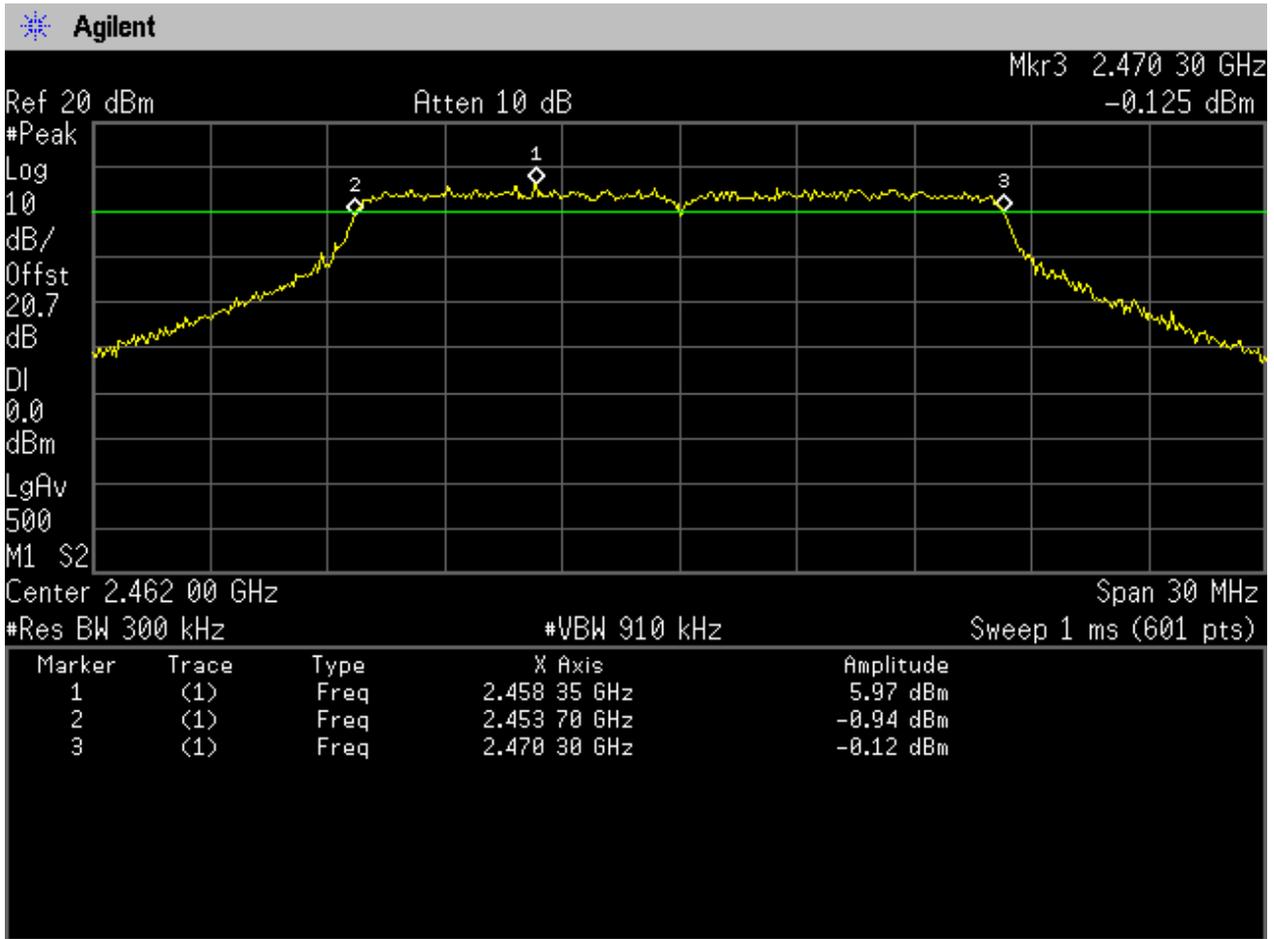
2.1011G/6_B@2



2.1111G/6_M@2

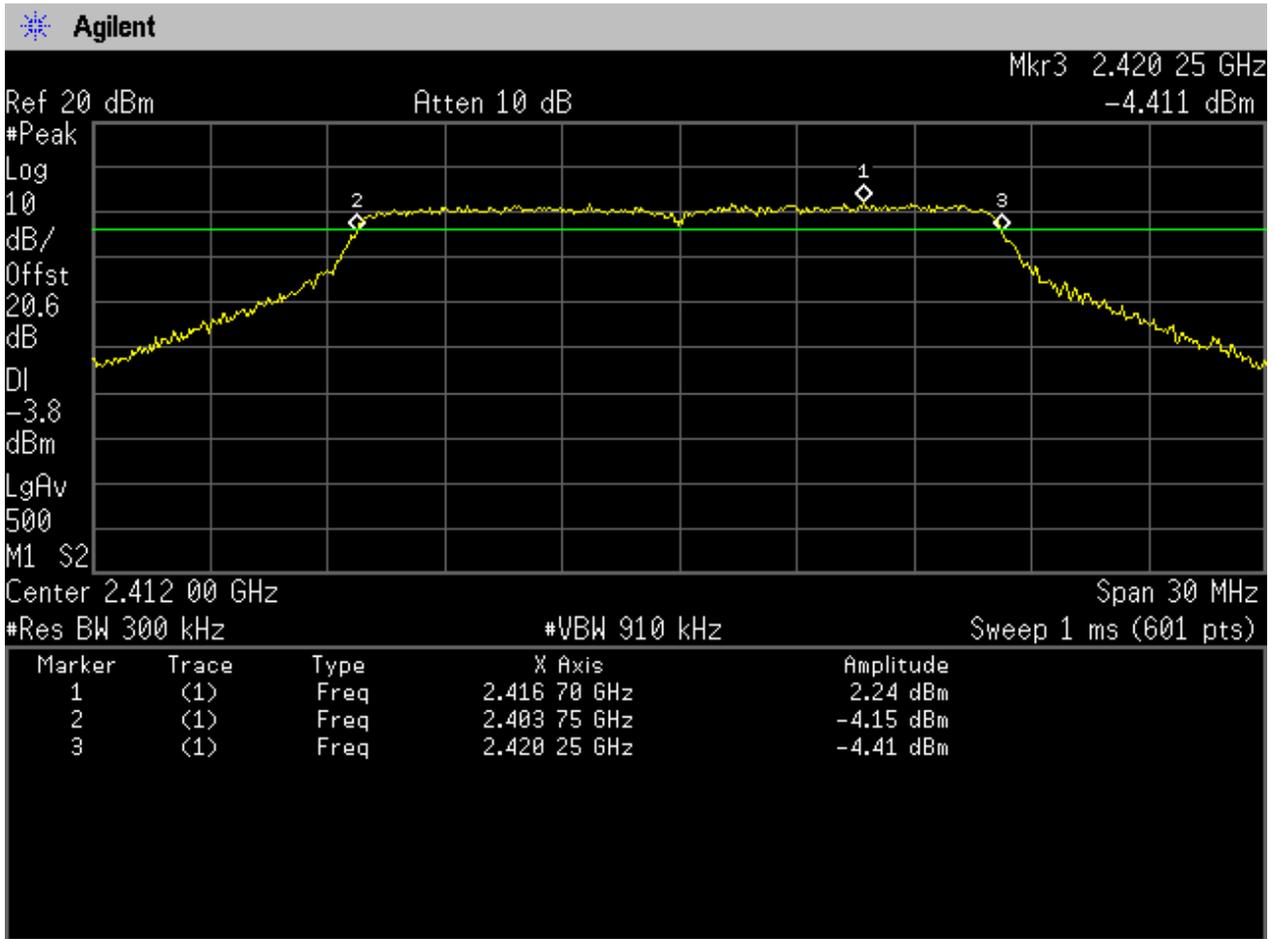


2.1211G/6_T@2

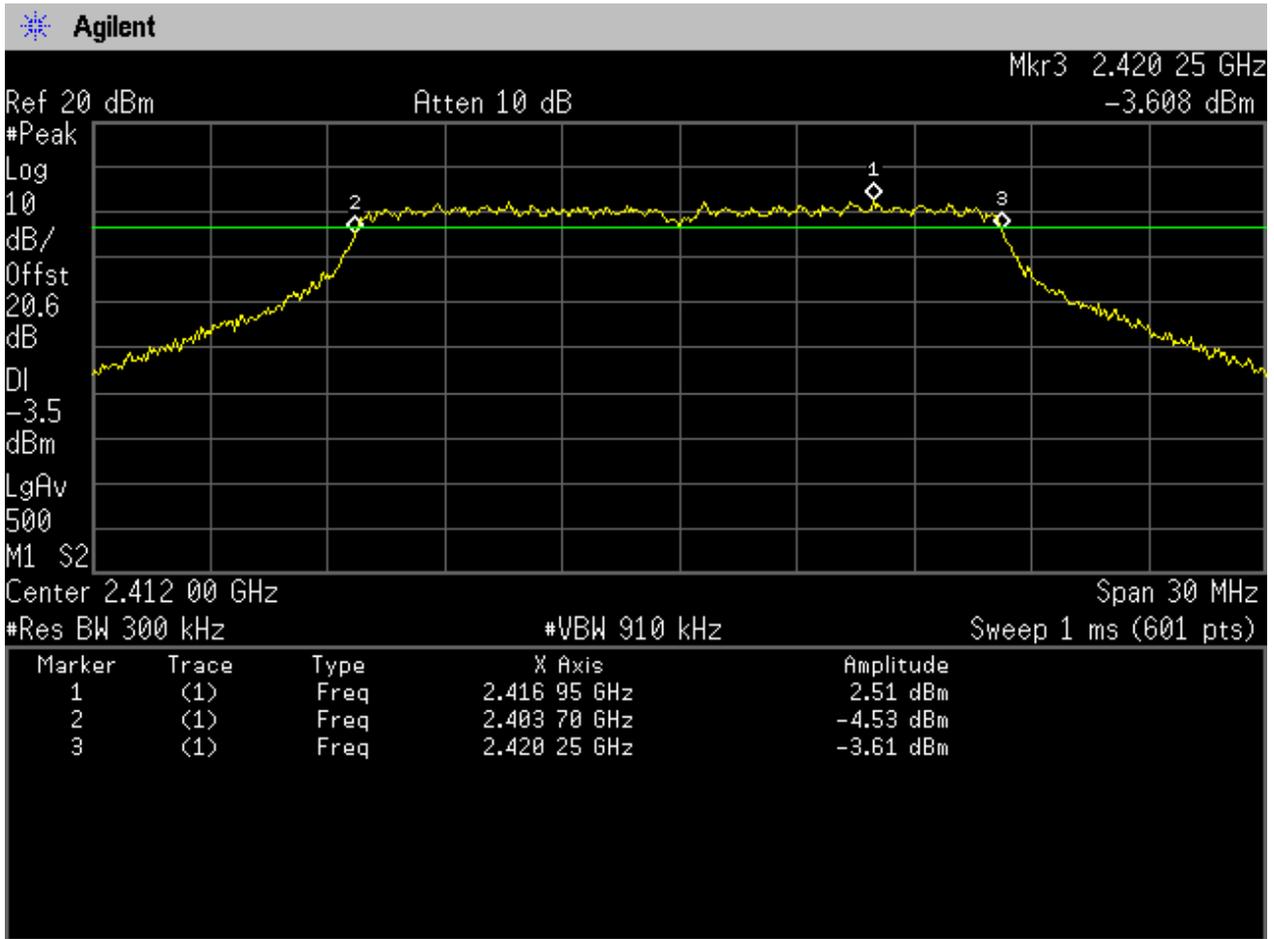


2.1311Gd/6_B@1+2

2.13.1 Ant 1

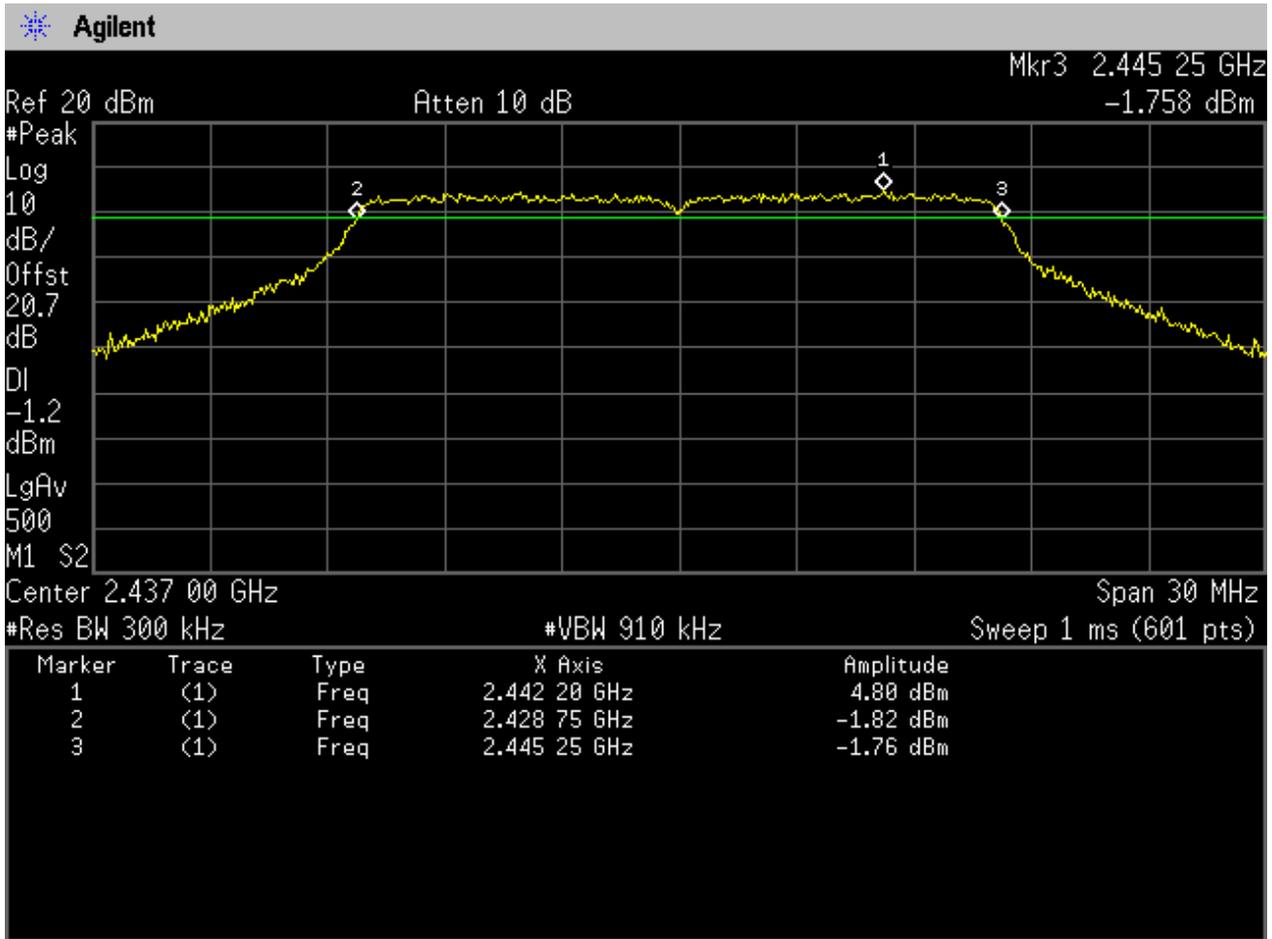


2.13.2 Ant 2

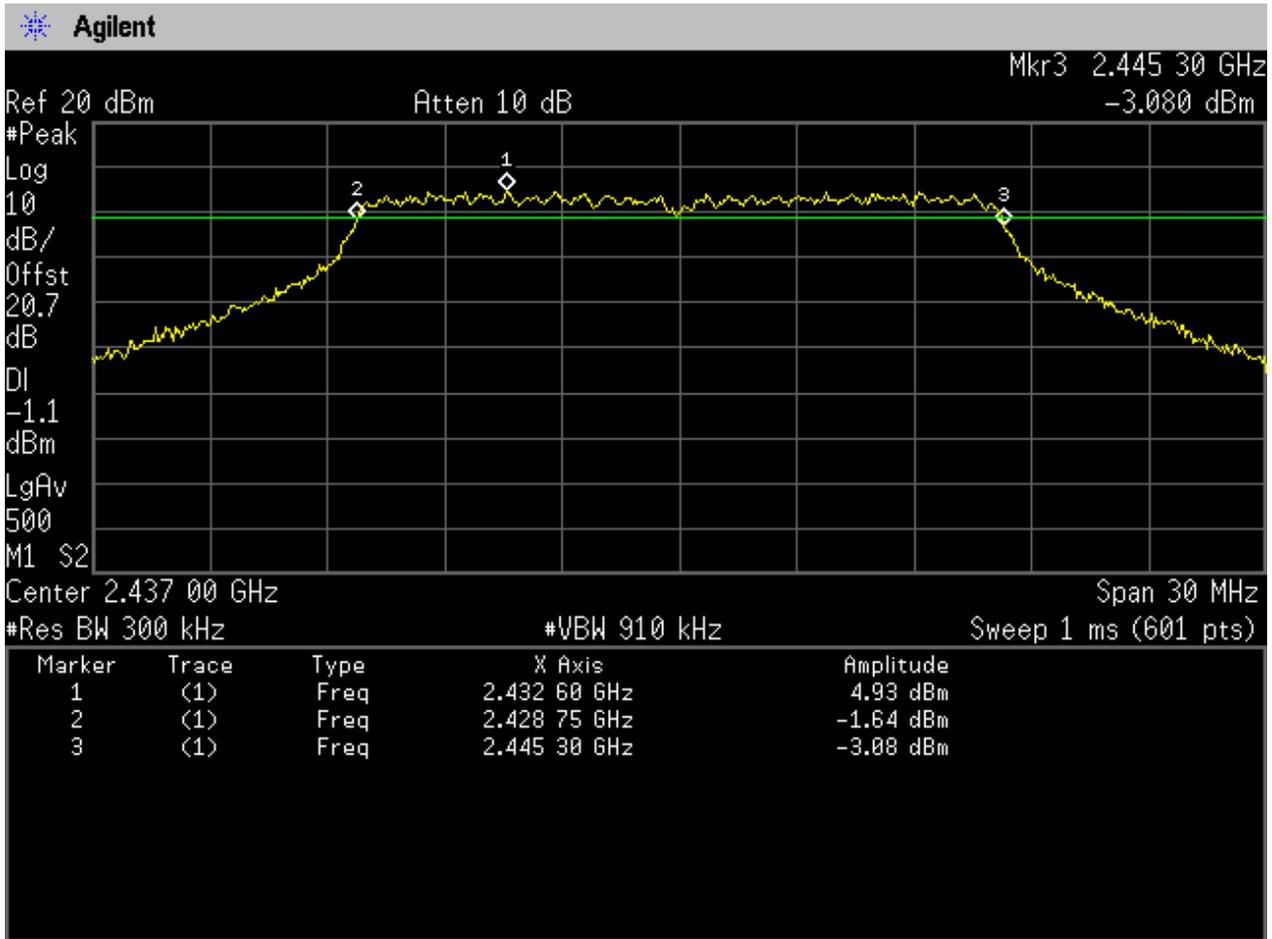


2.1411Gd/6_M@1+2

2.14.1 Ant 1

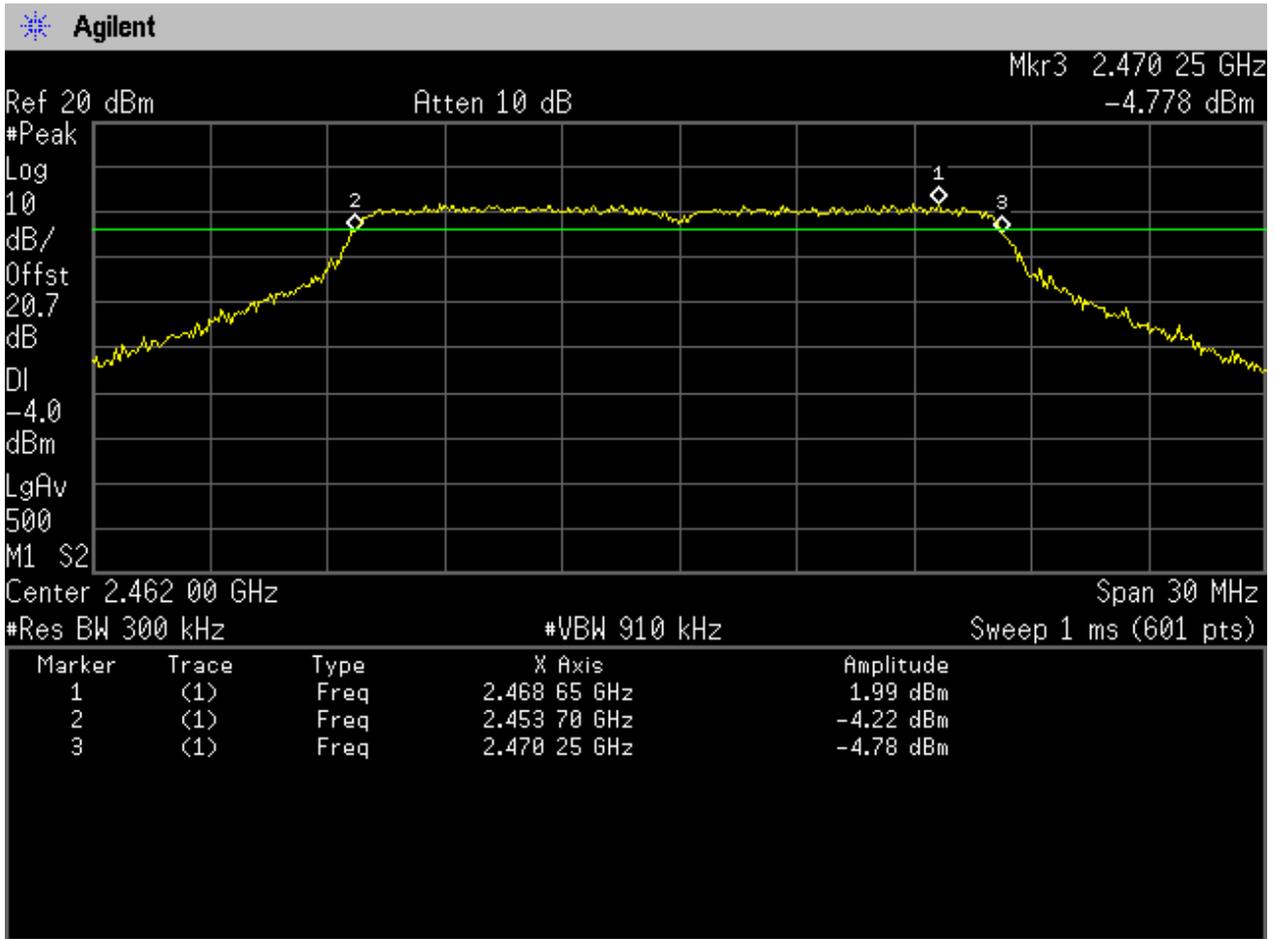


2.14.2 Ant 2

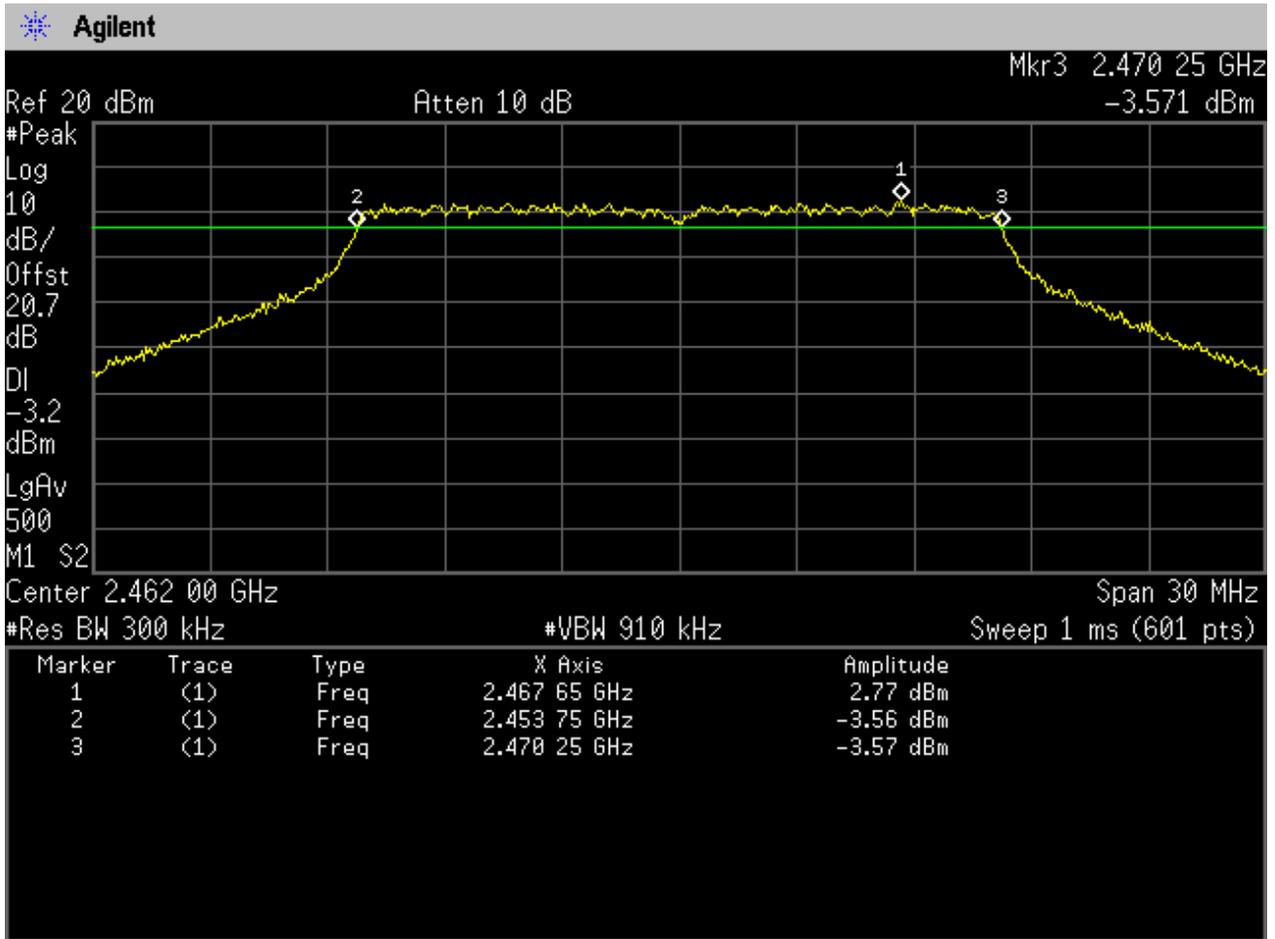


2.1511Gd/6_T@1+2

2.15.1 Ant 1

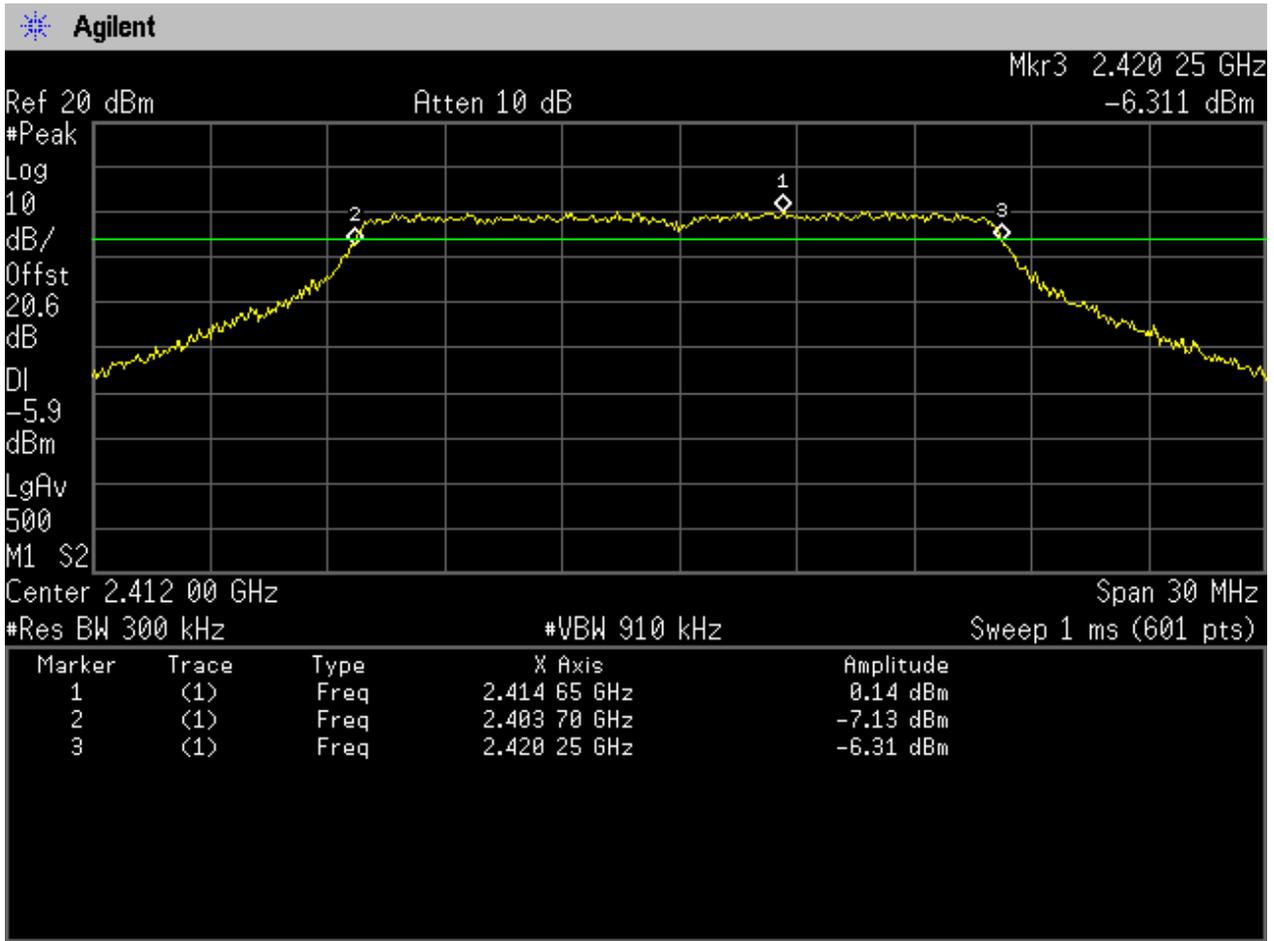


2.15.2 Ant 2

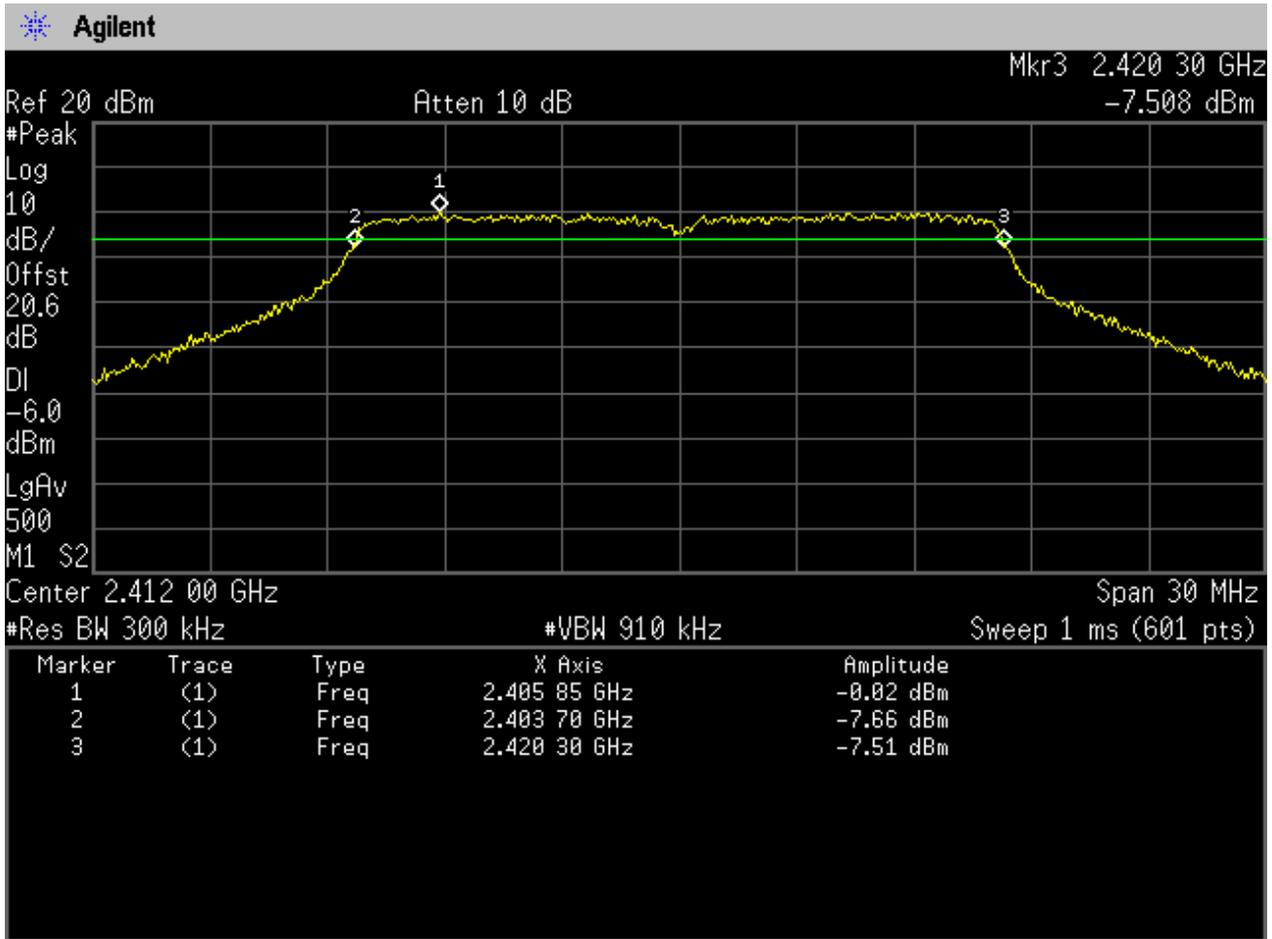


2.1611Gd/6_B@1+2+3

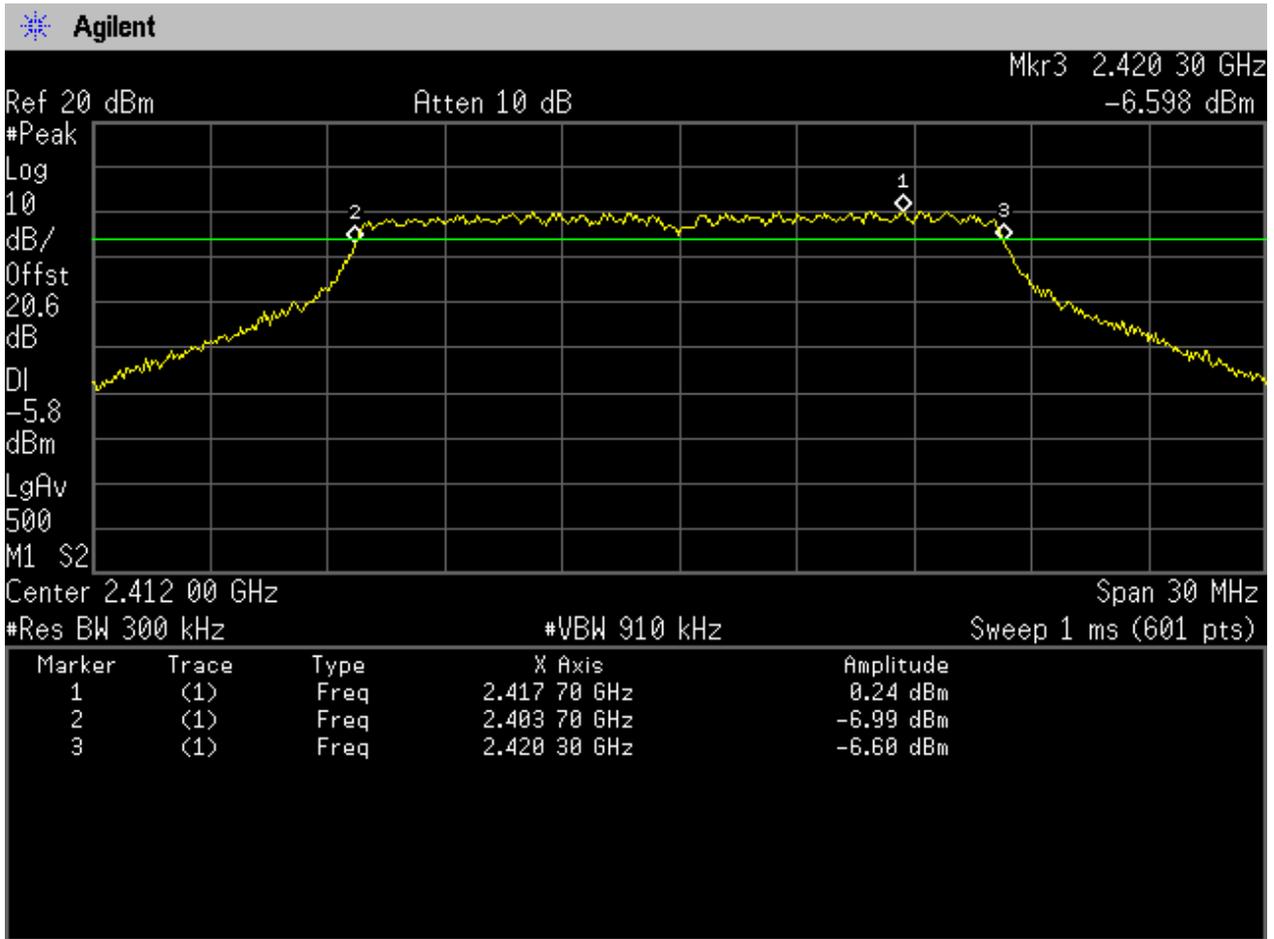
2.16.1 Ant 1



2.16.2 Ant 2

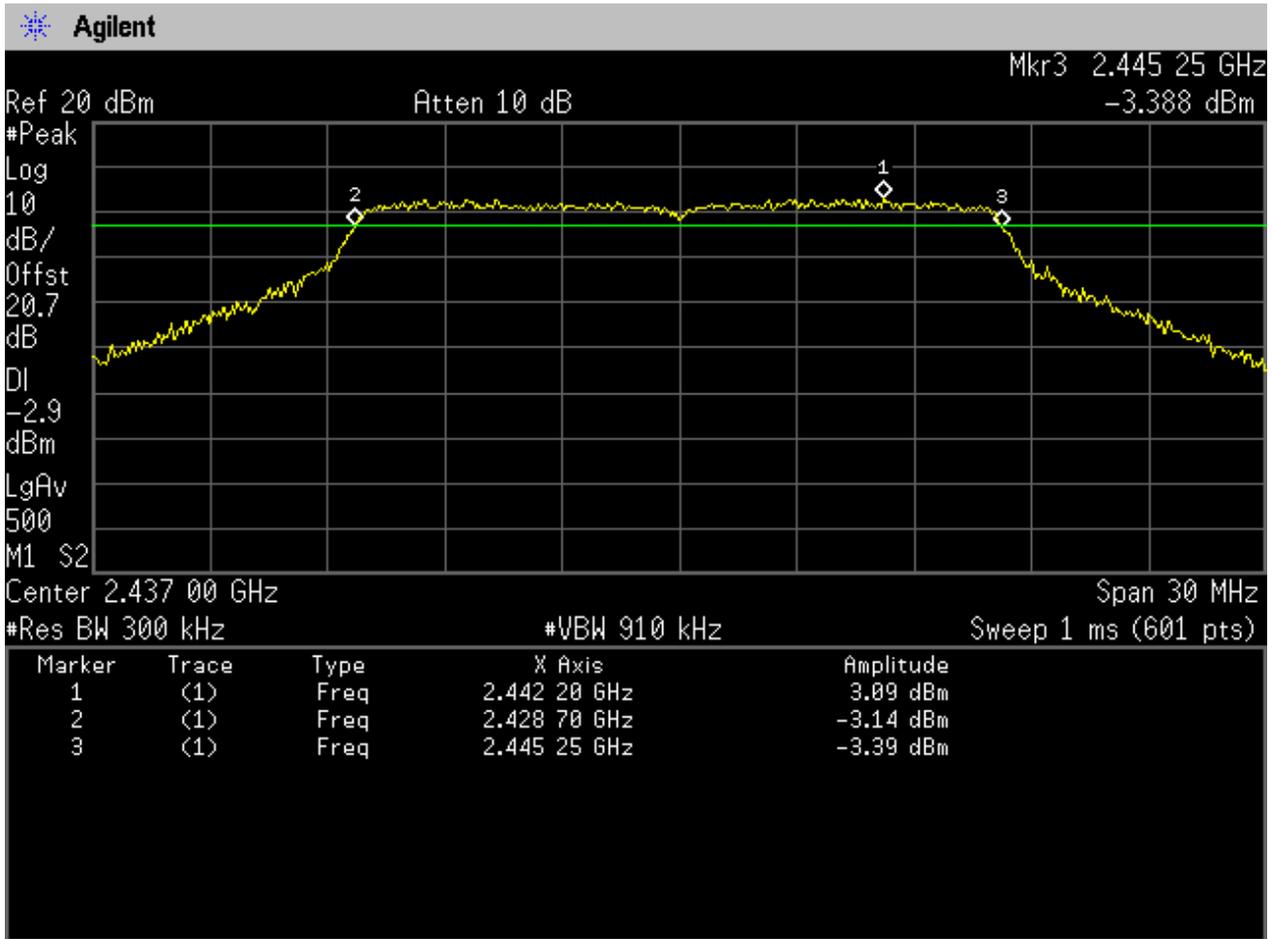


2.16.3 Ant 3

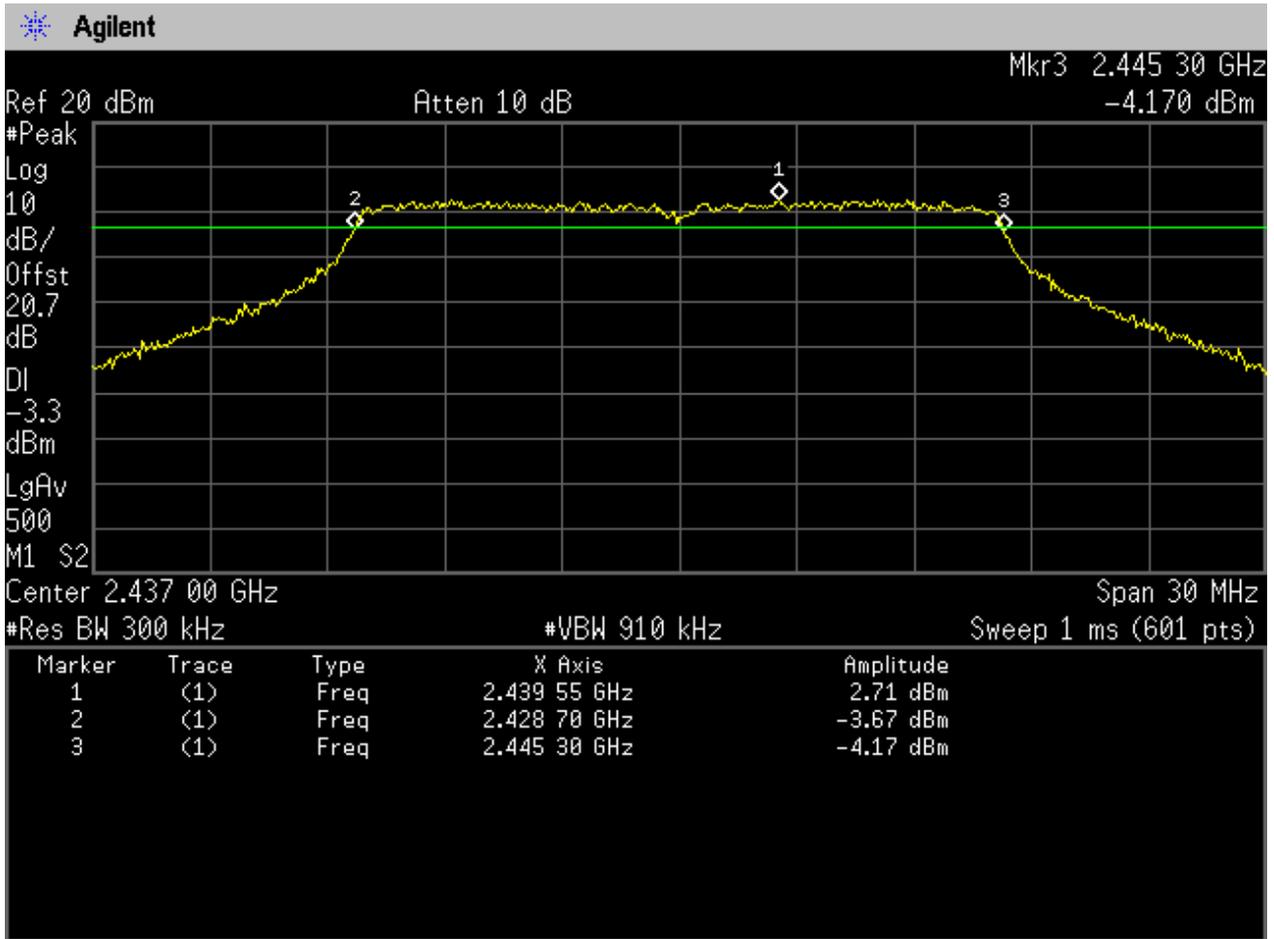


2.1711Gd/6_M@1+2+3

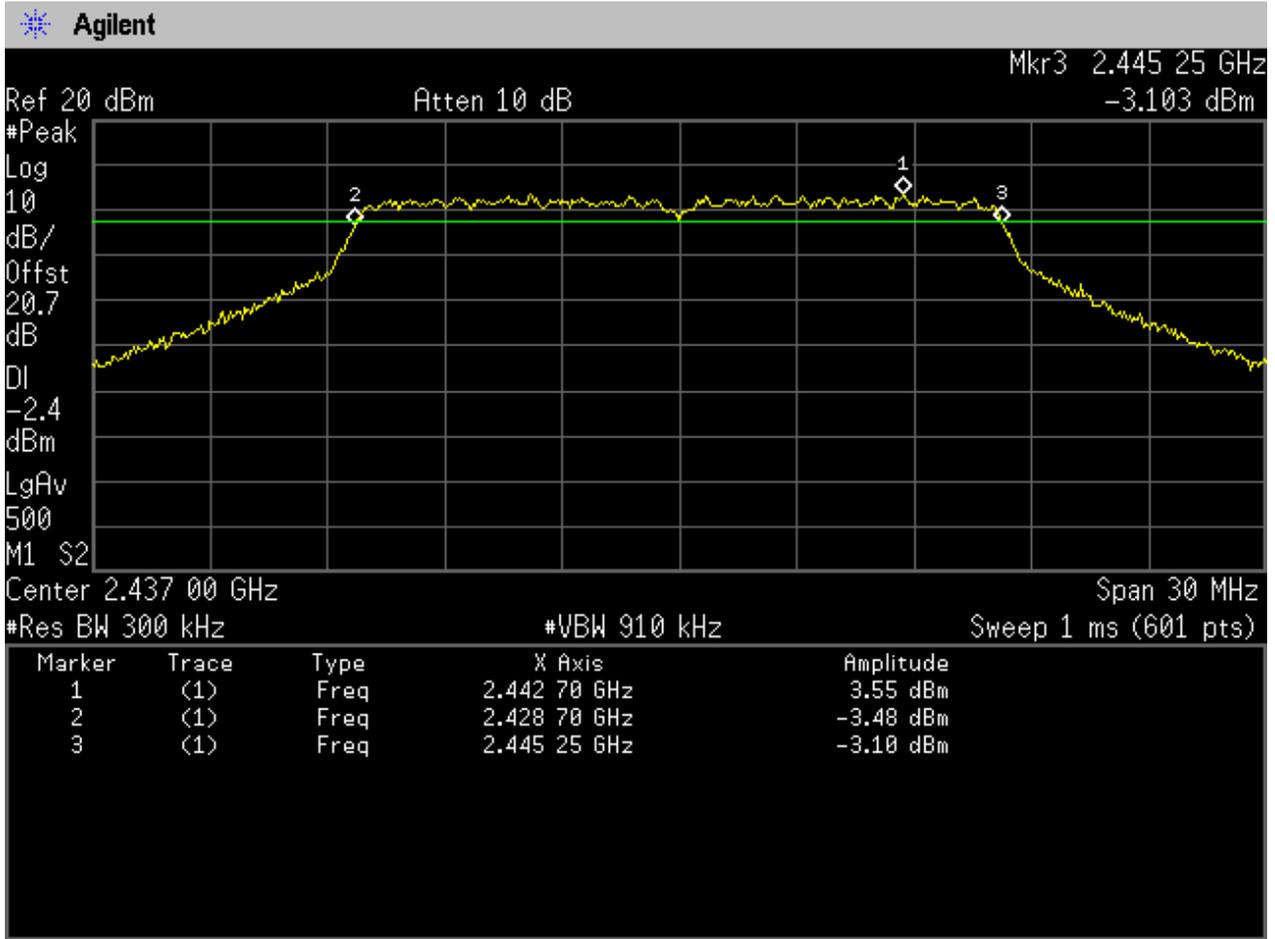
2.17.1 Ant 1



2.17.2 Ant 2

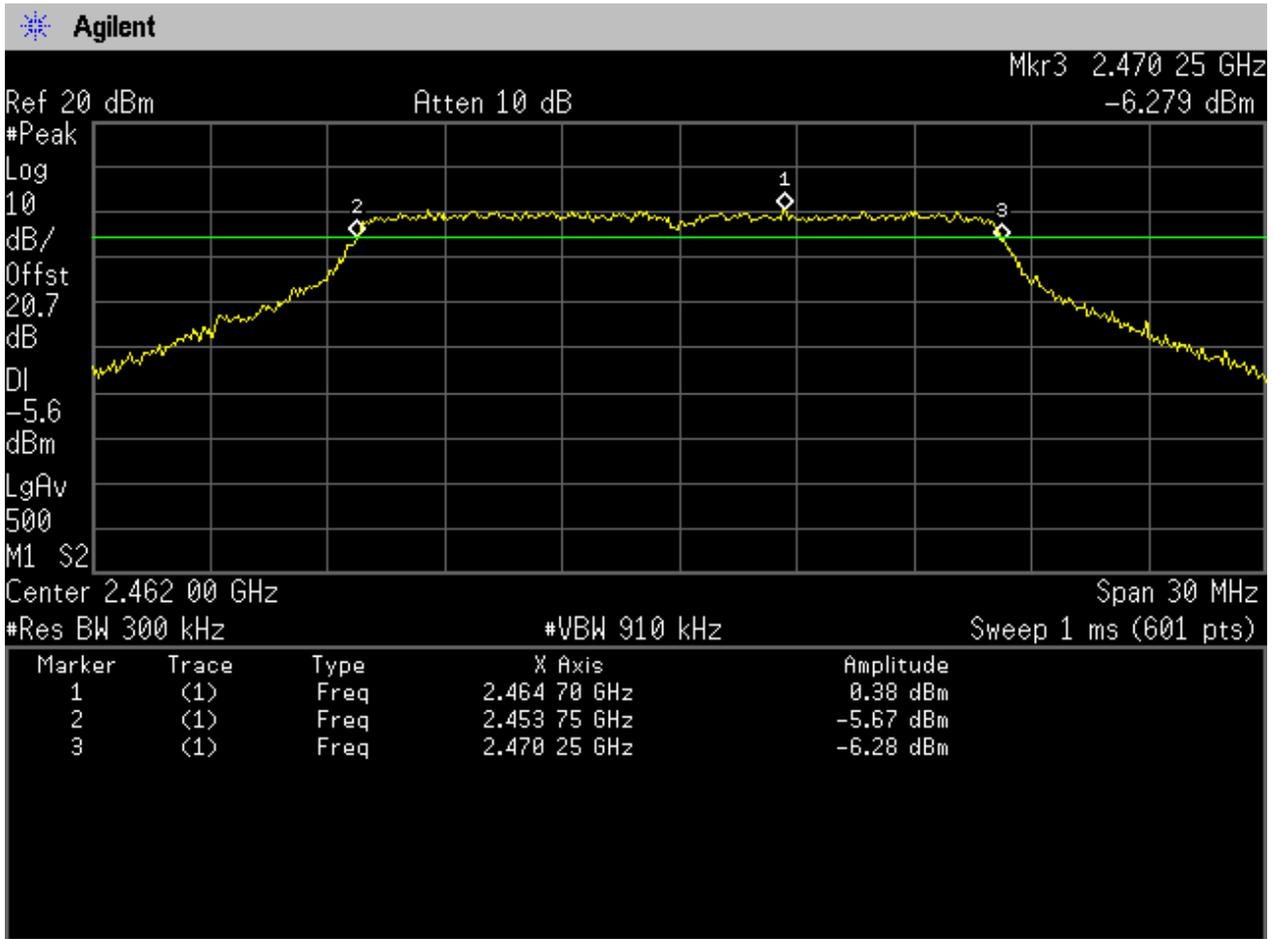


2.17.3 Ant 3

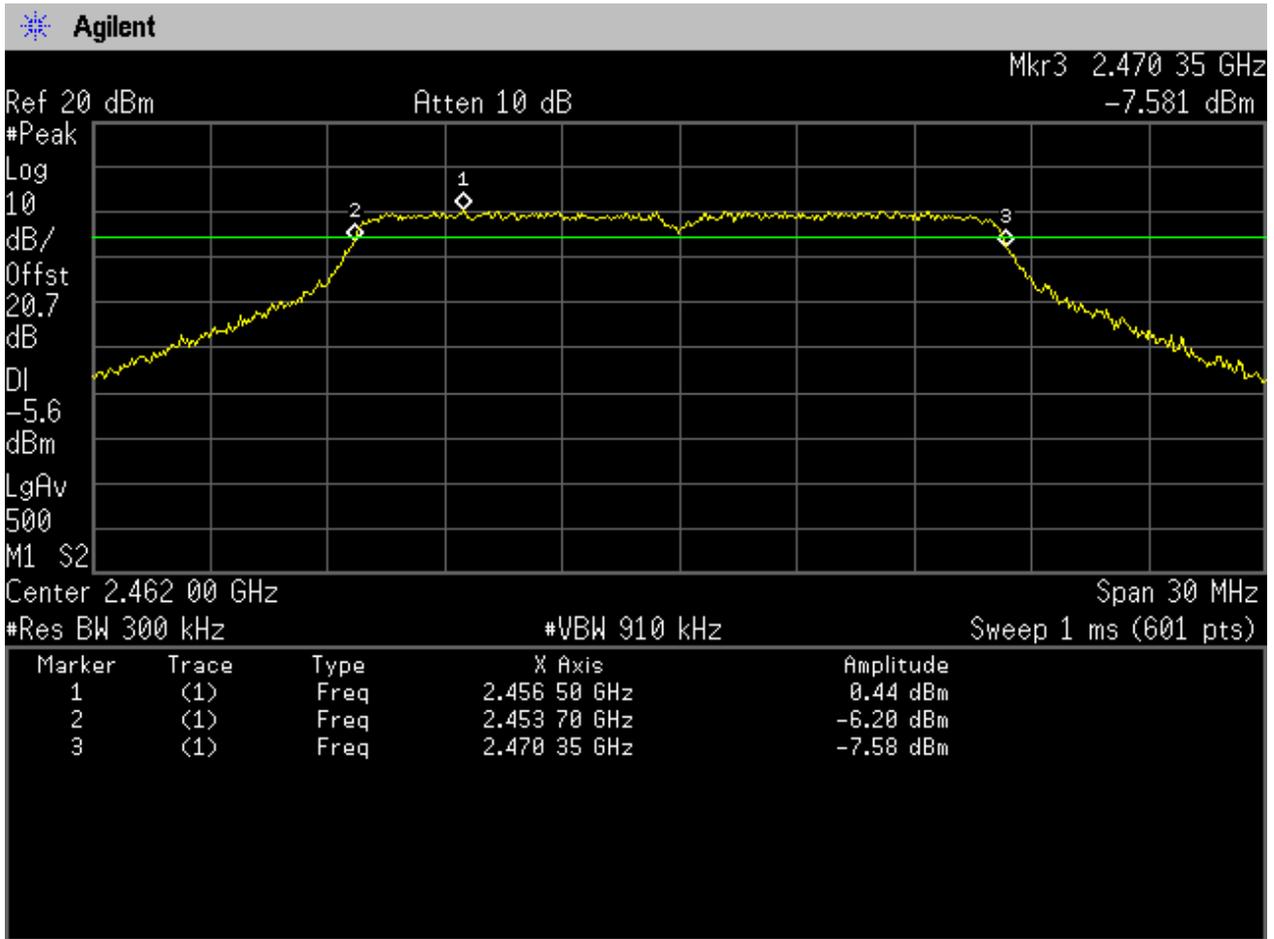


2.1811Gd/6_T@1+2+3

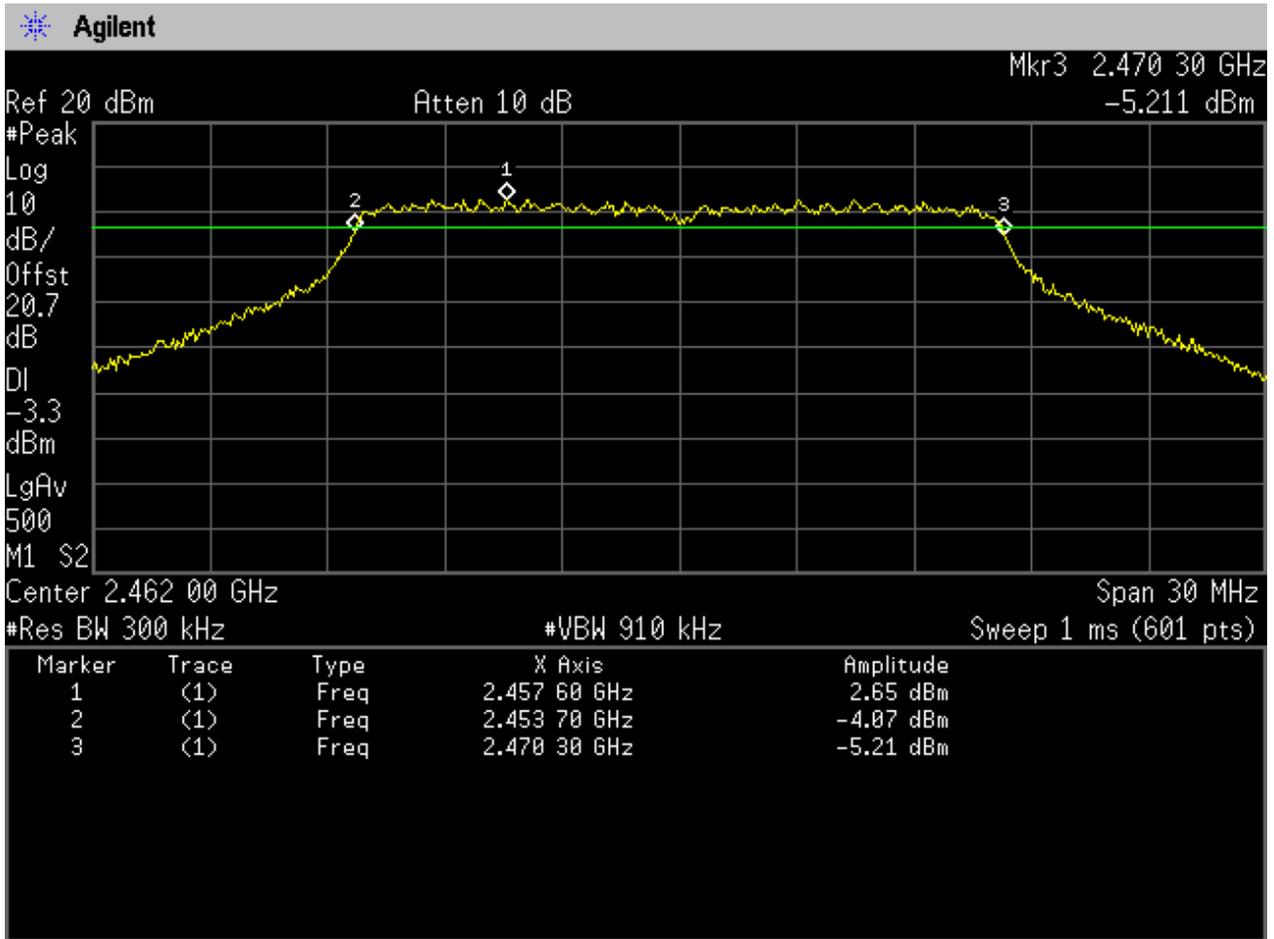
2.18.1 Ant 1



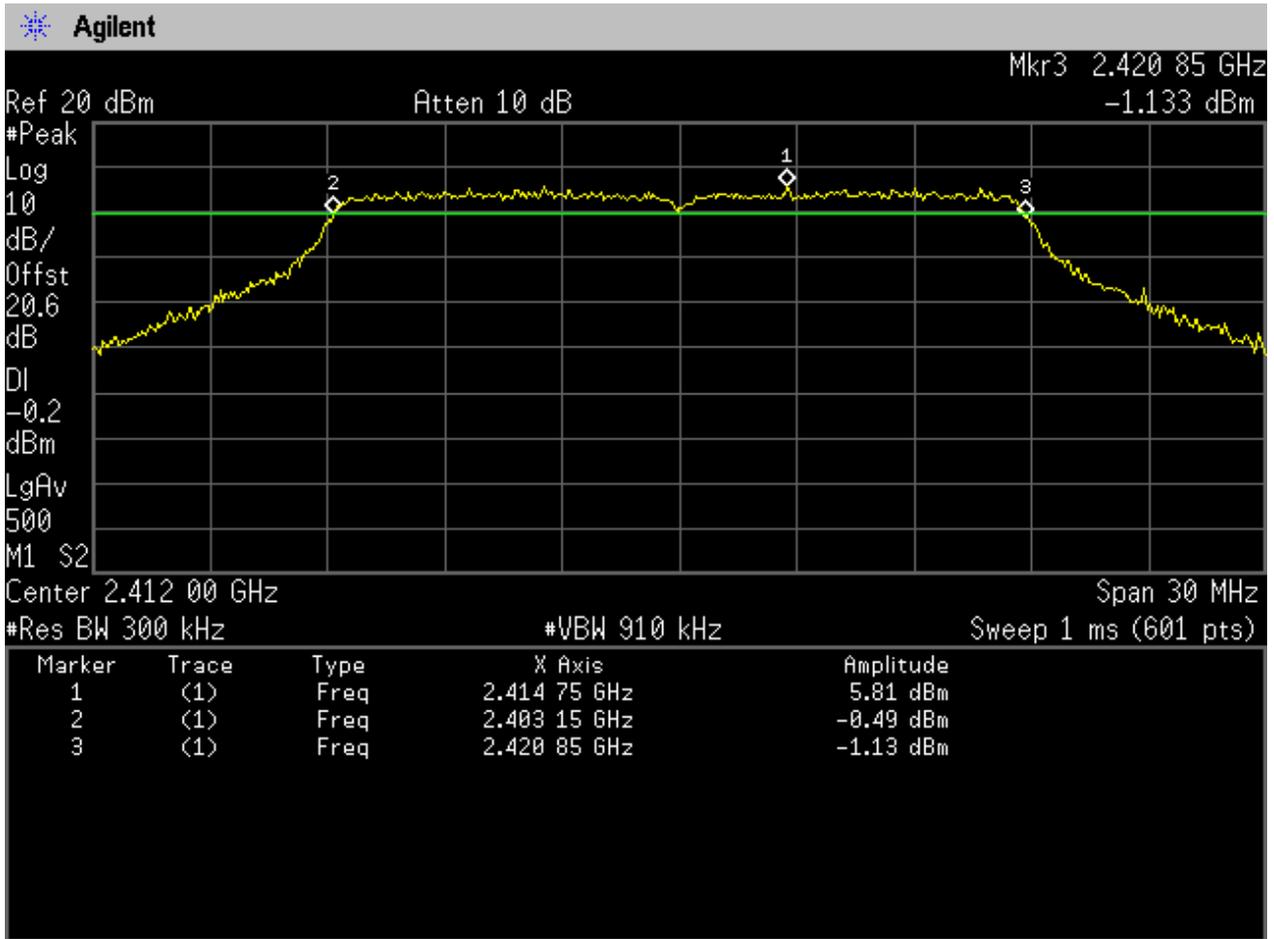
2.18.2 Ant 2



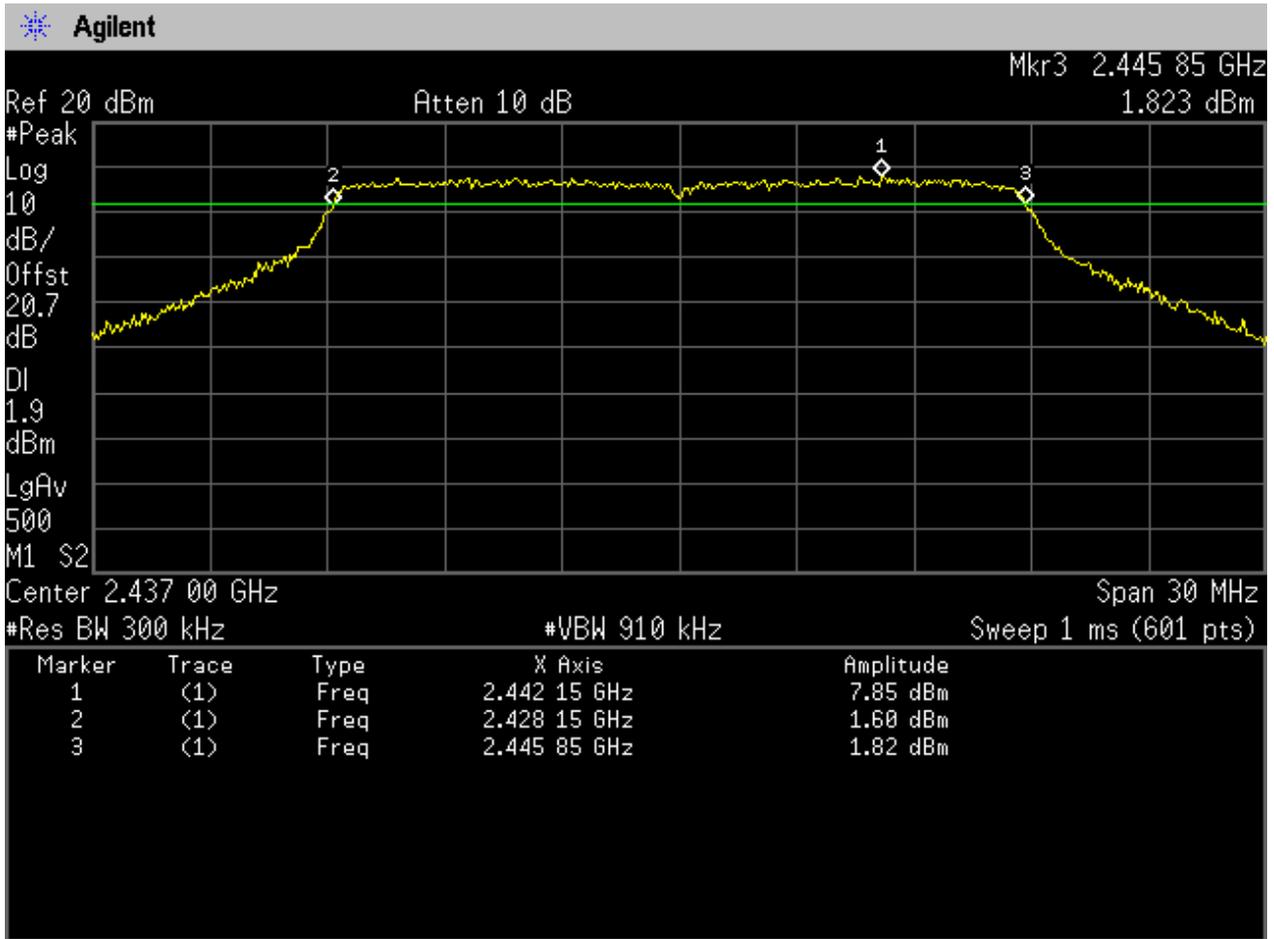
2.18.3 Ant 3



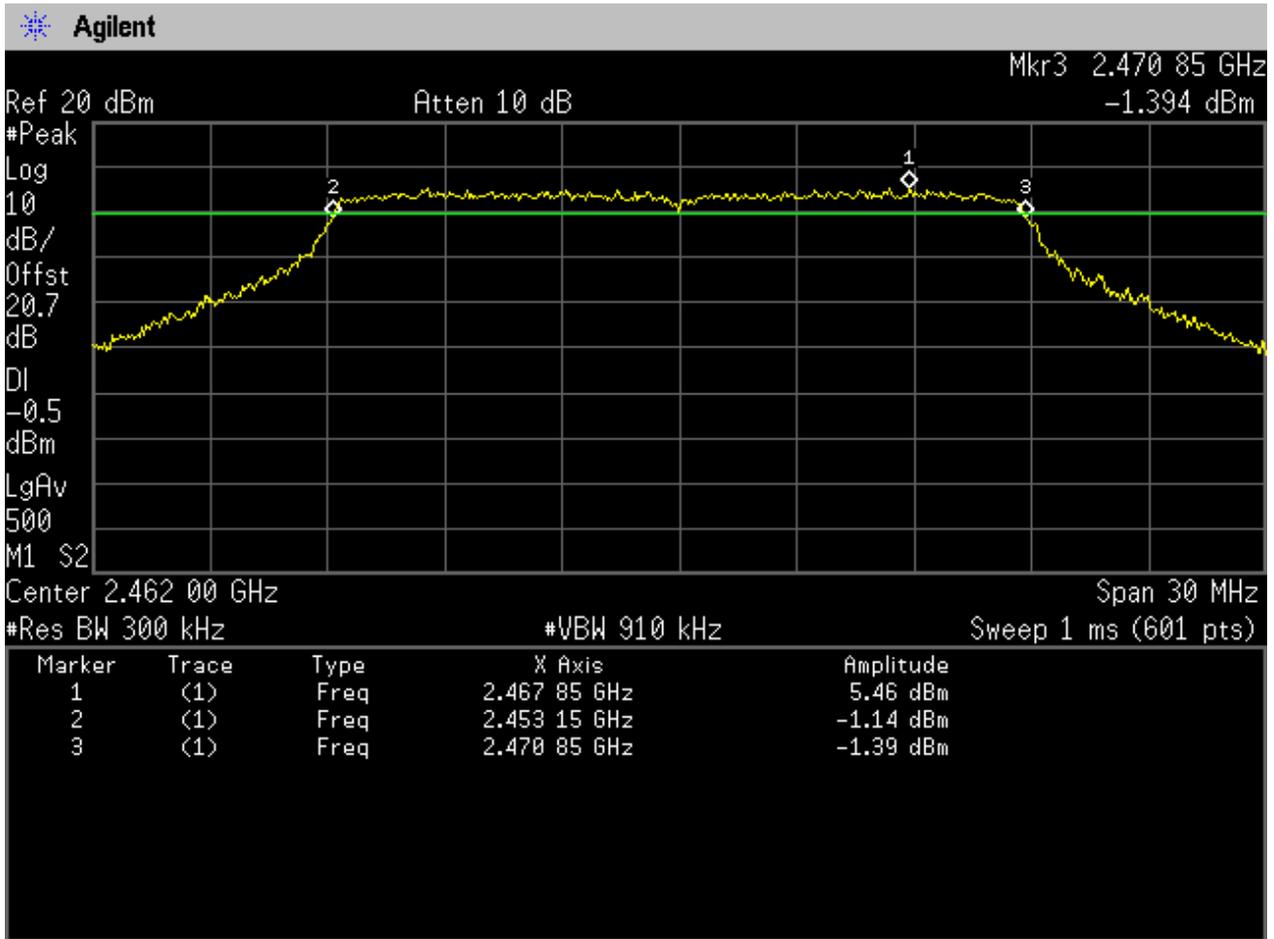
2.1911N20/0_B@2



2.2011N20/0_M@2

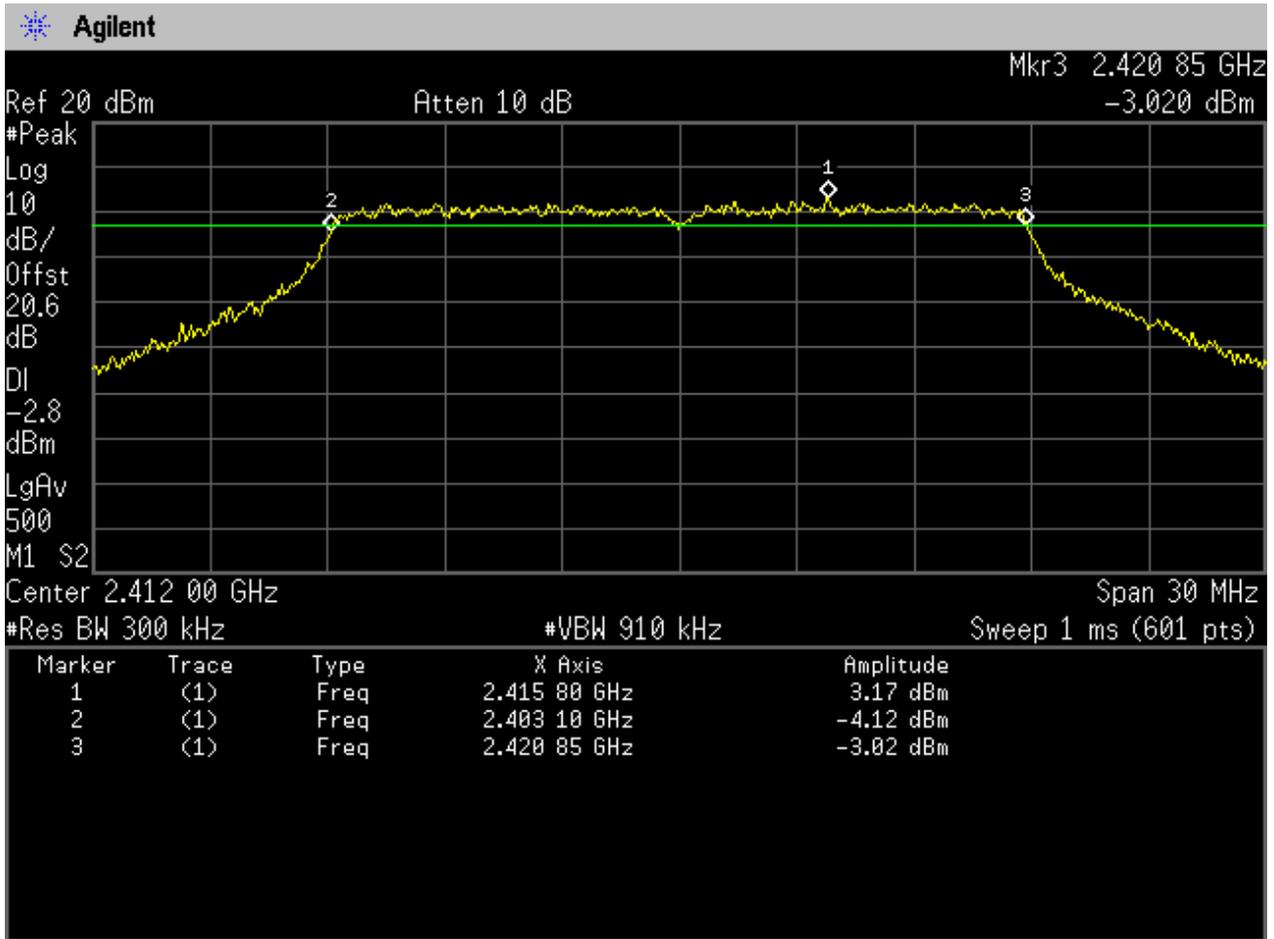


2.2111N20/0_T@2

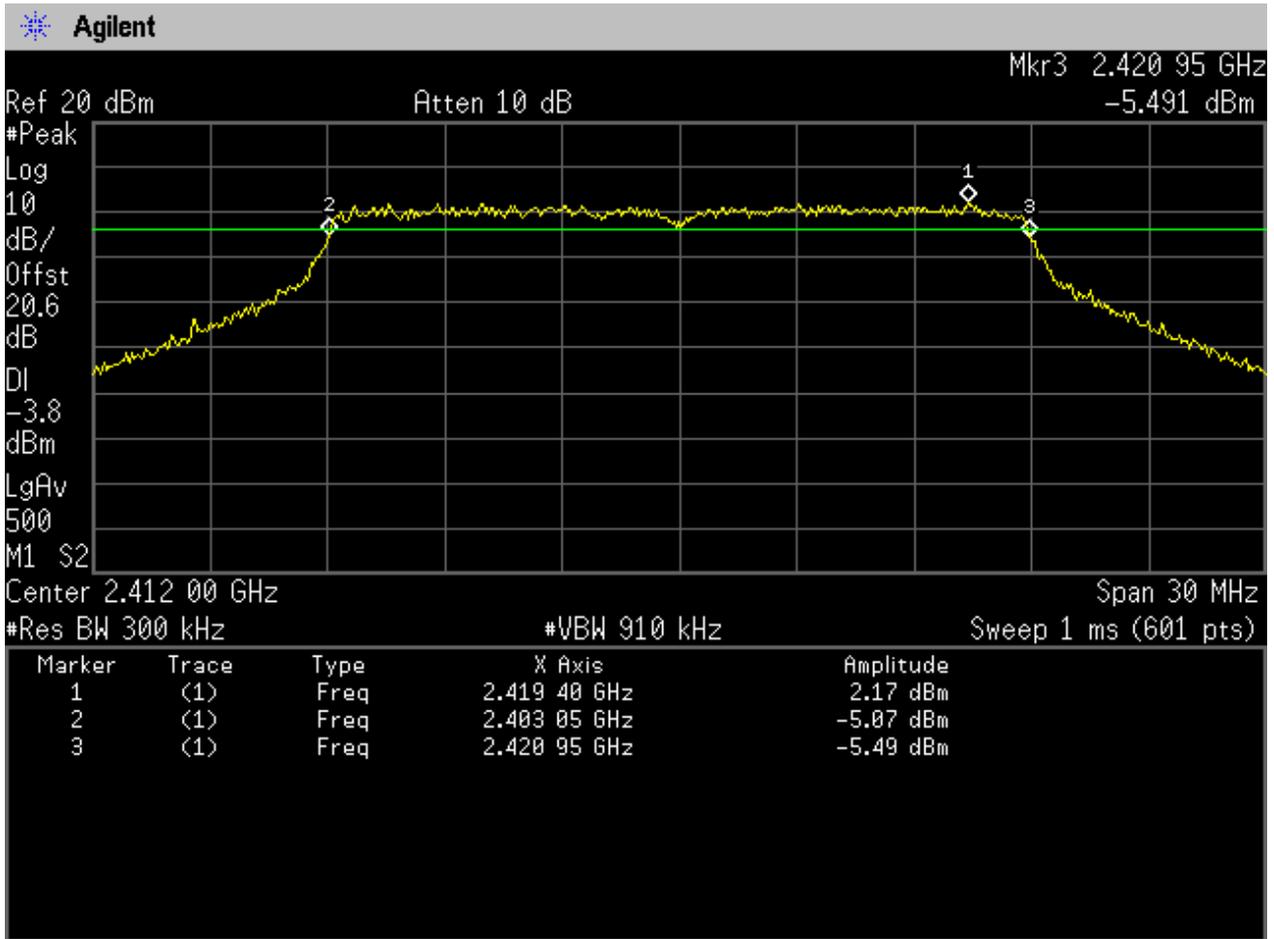


2.2211N20m/8_B@1+2

2.22.1 Ant 1

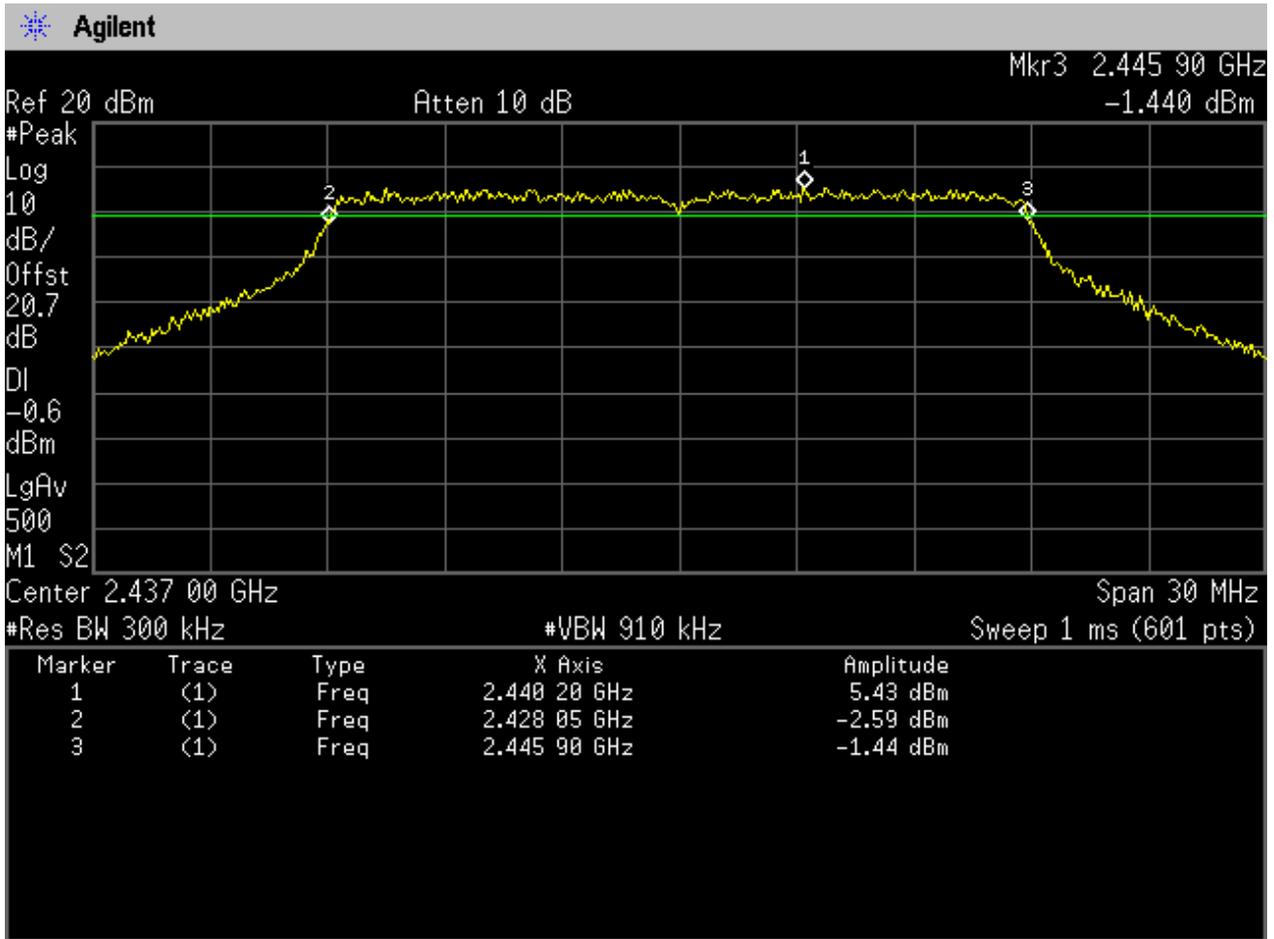


2.22.2 Ant 2

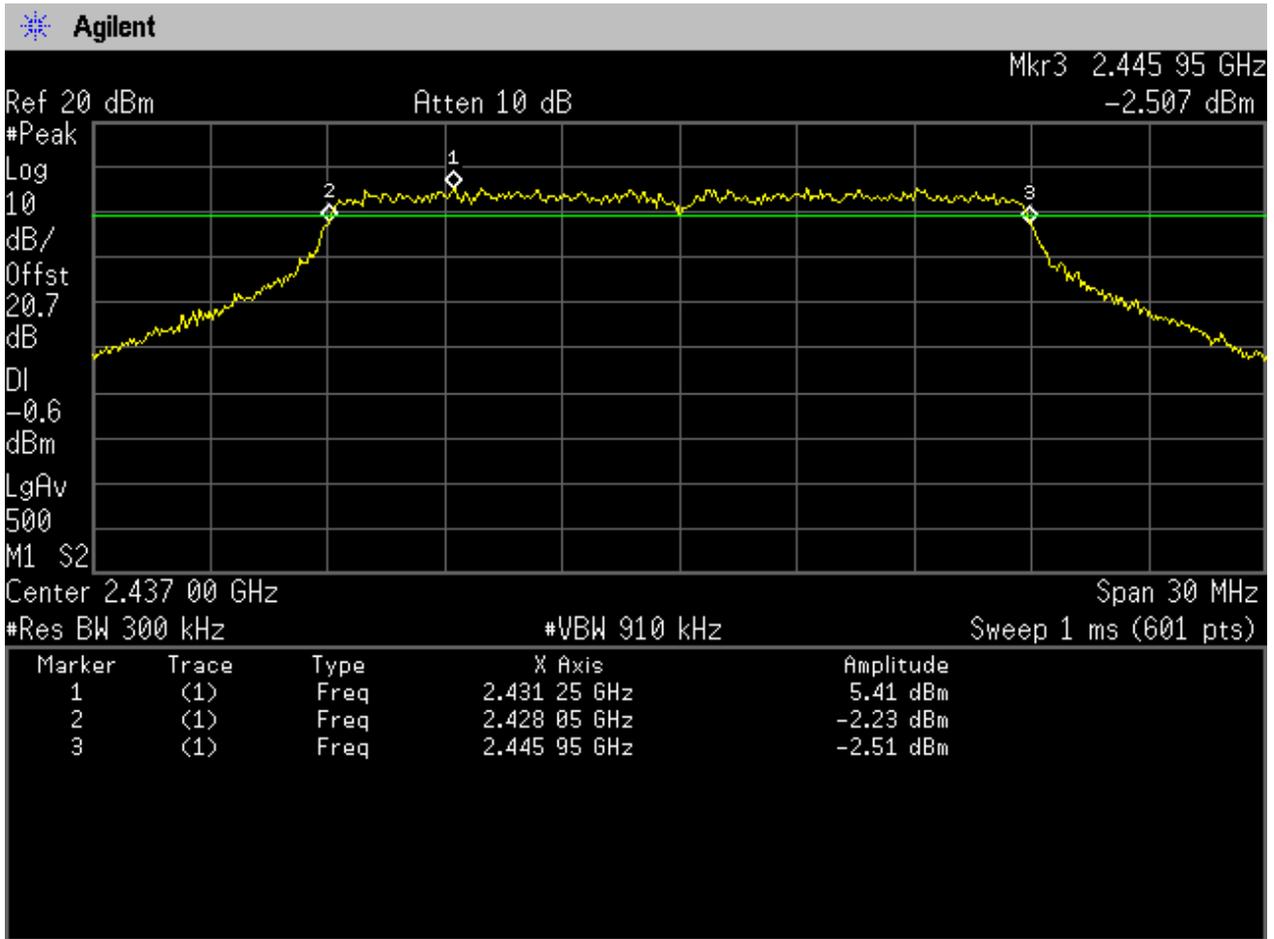


2.2311N20m/8_M@1+2

2.23.1 Ant 1

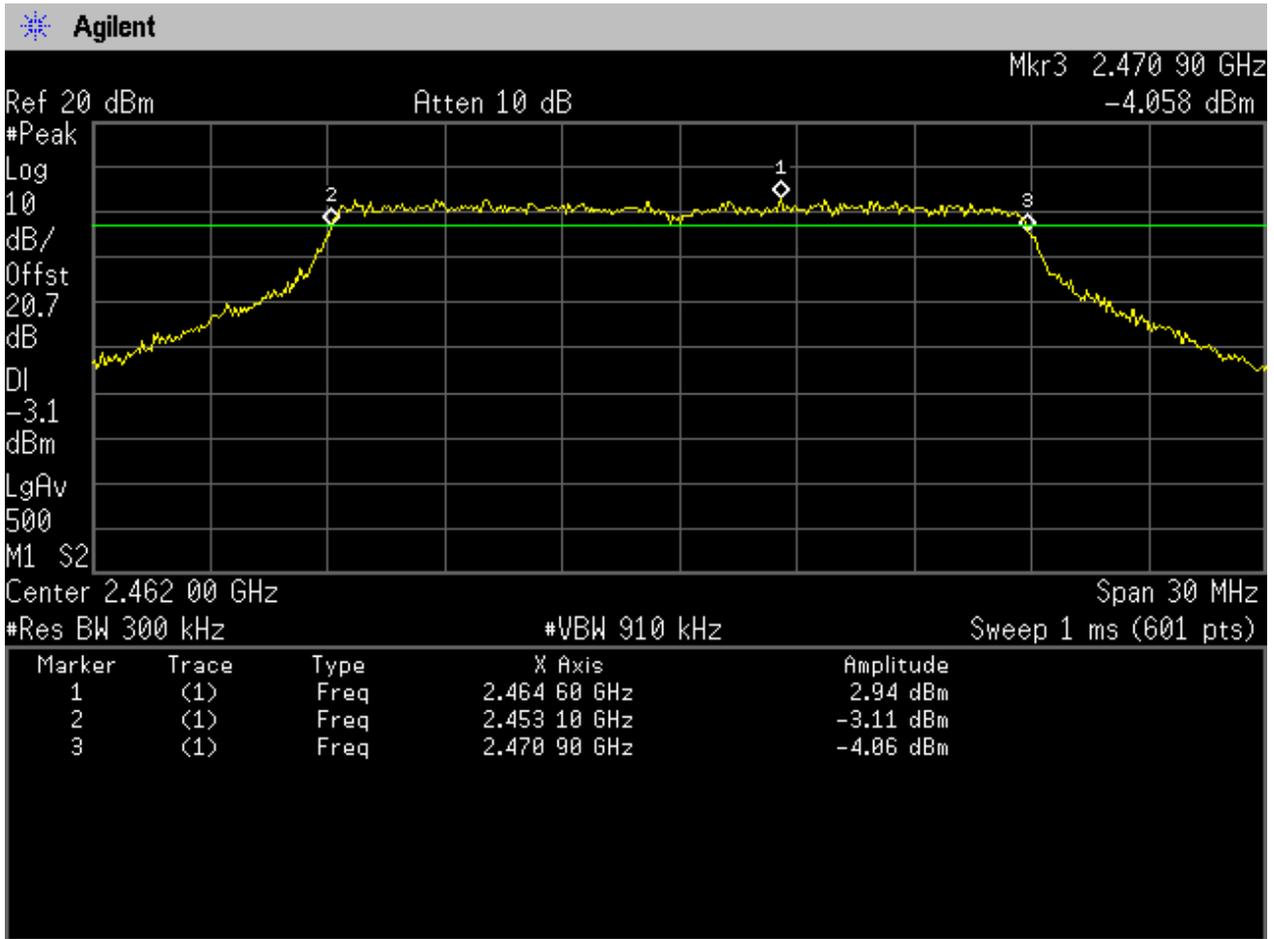


2.23.2 Ant 2

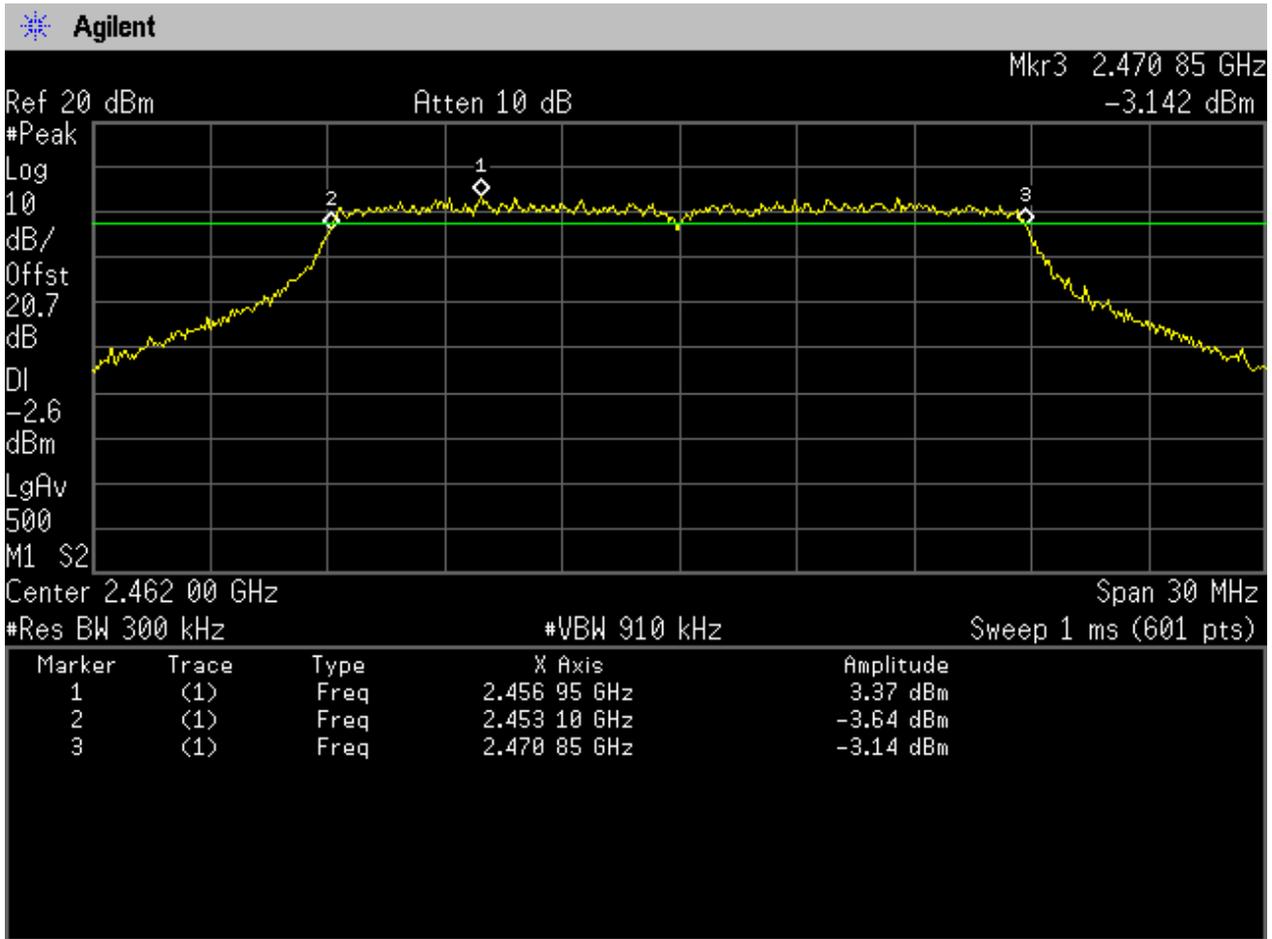


2.2411N20m/8_T@1+2

2.24.1 Ant 1

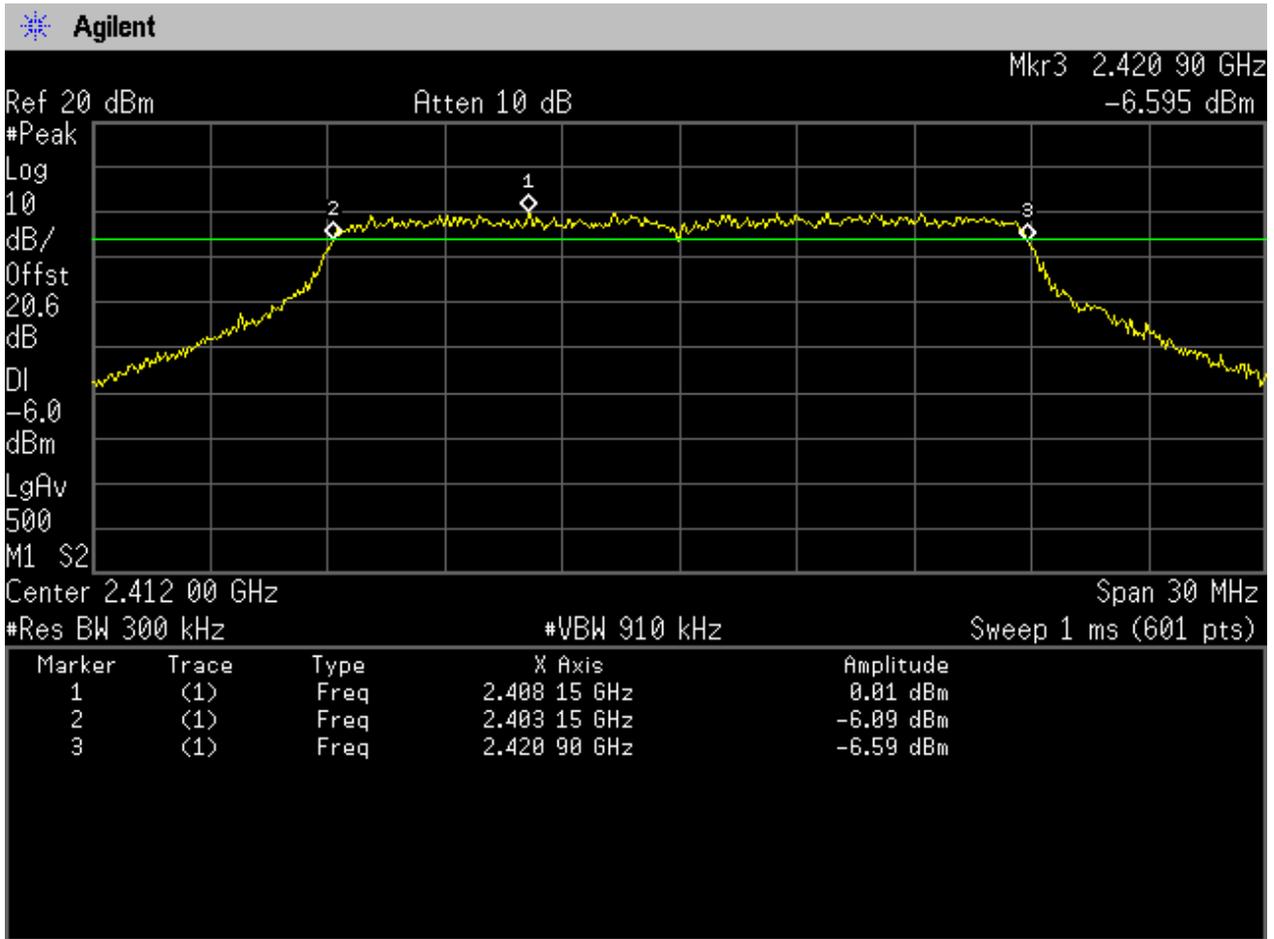


2.24.2 Ant 2

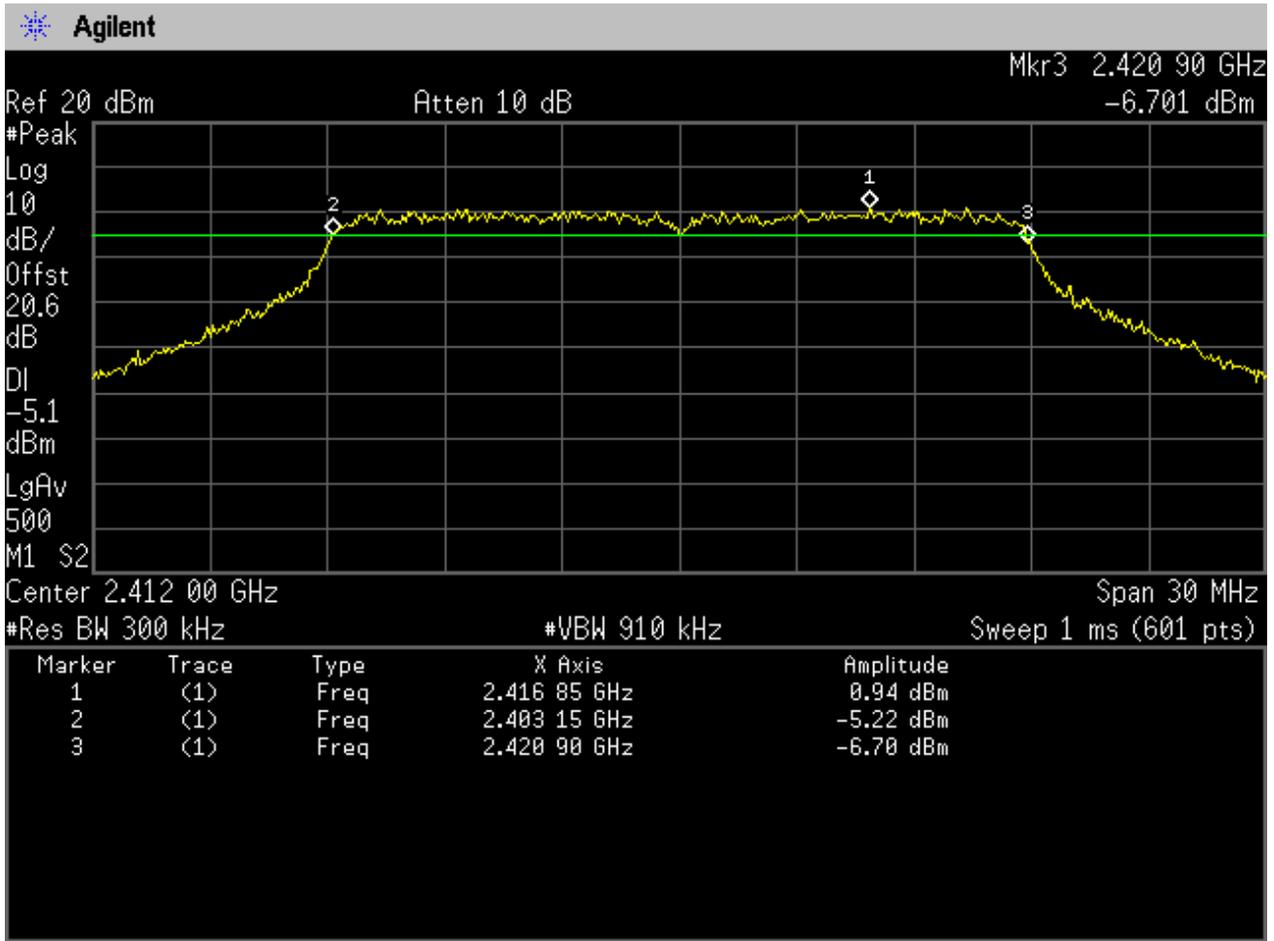


2.2511N20m/16_B@1+2+3

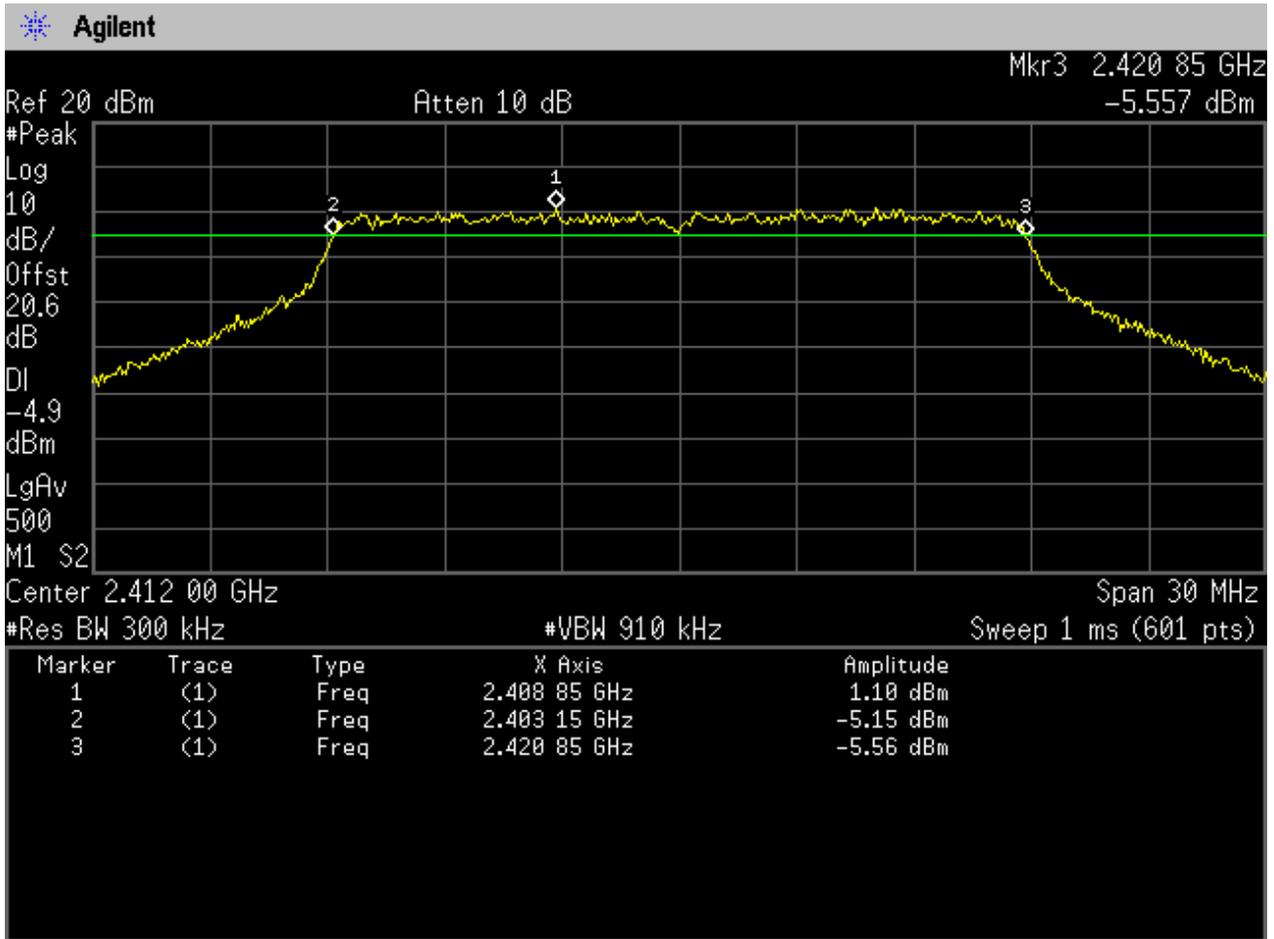
2.25.1 Ant 1



2.25.2 Ant 2

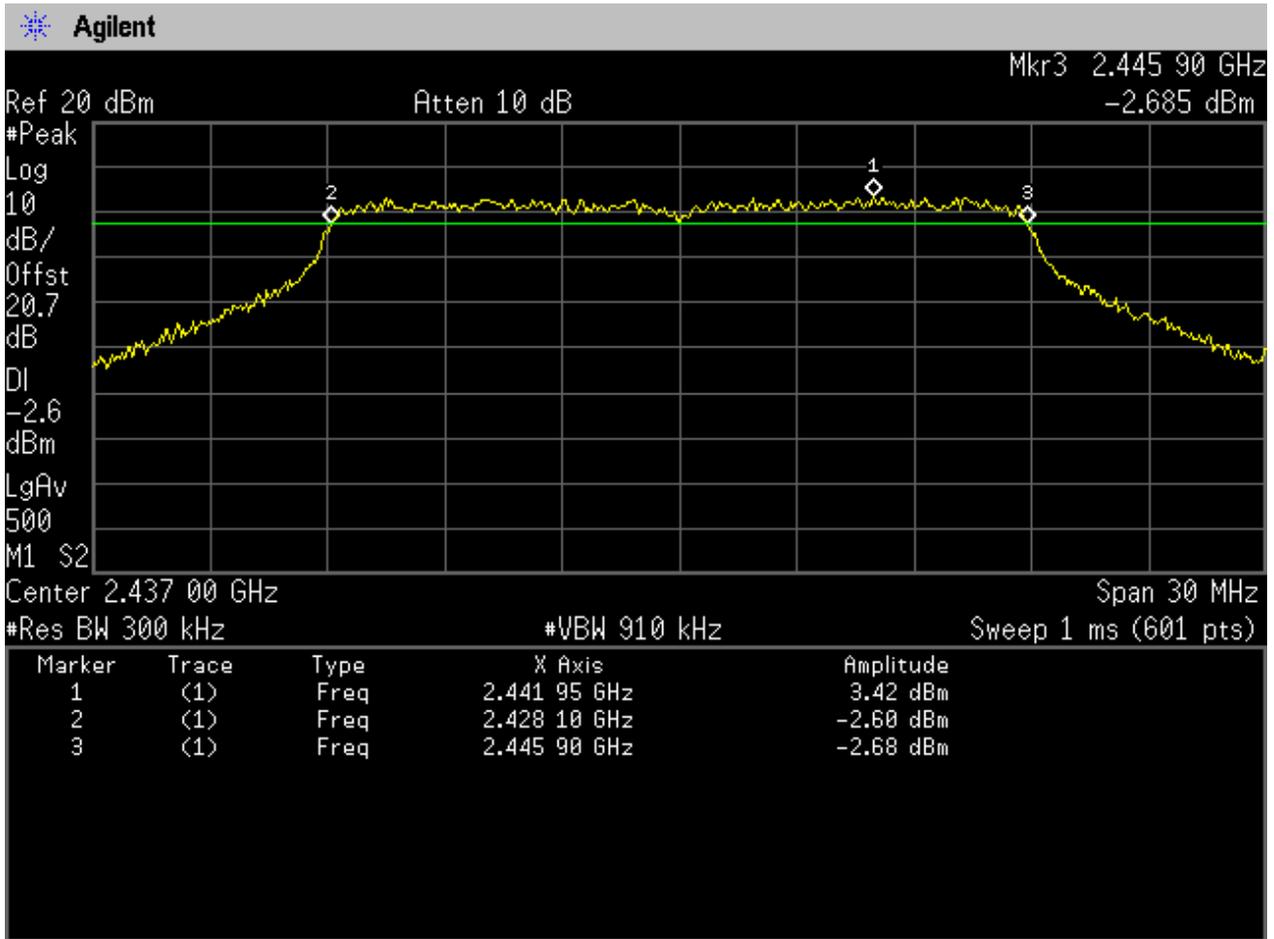


2.25.3 Ant 3

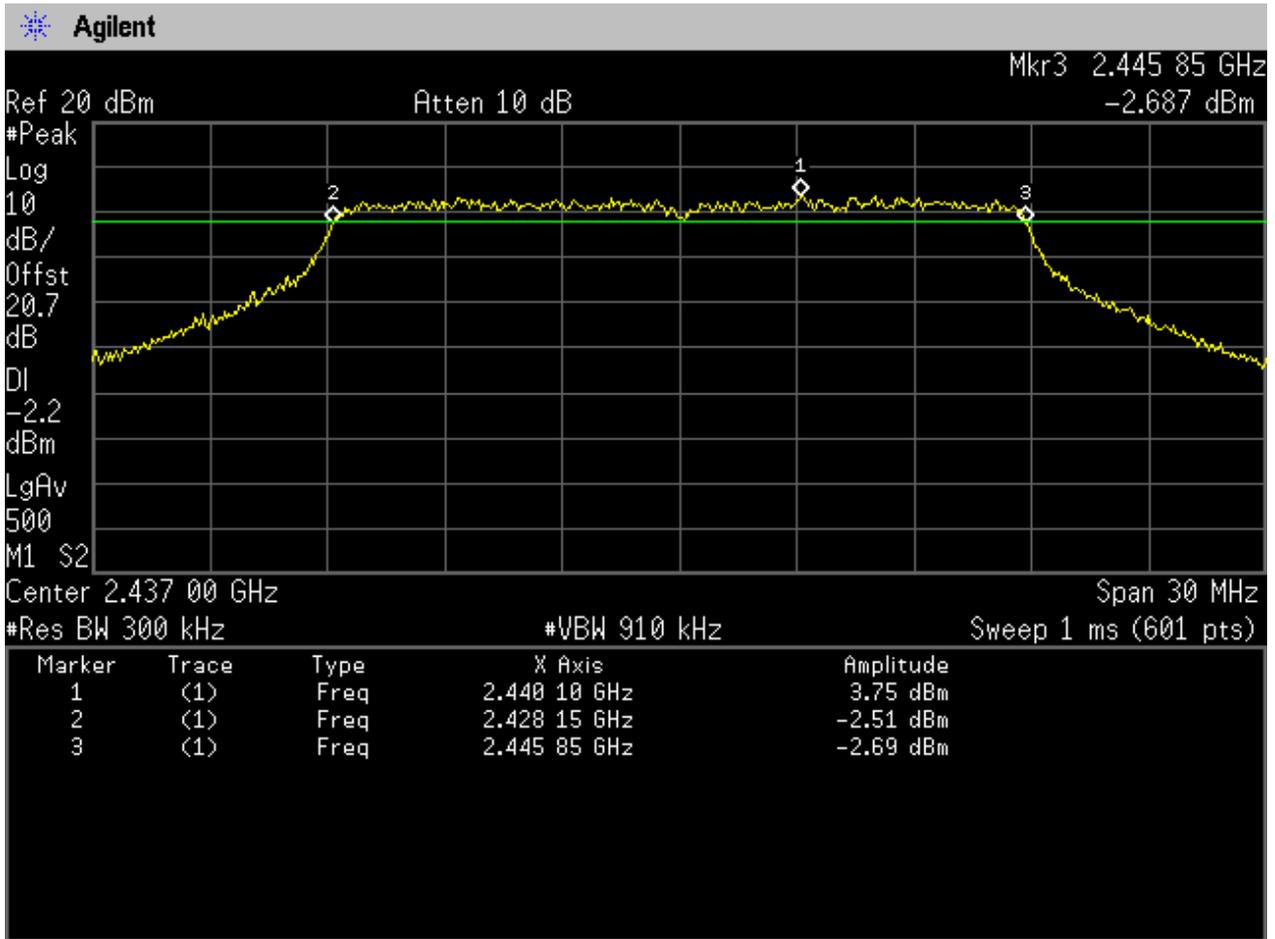


2.2611N20m/16_M@1+2+3

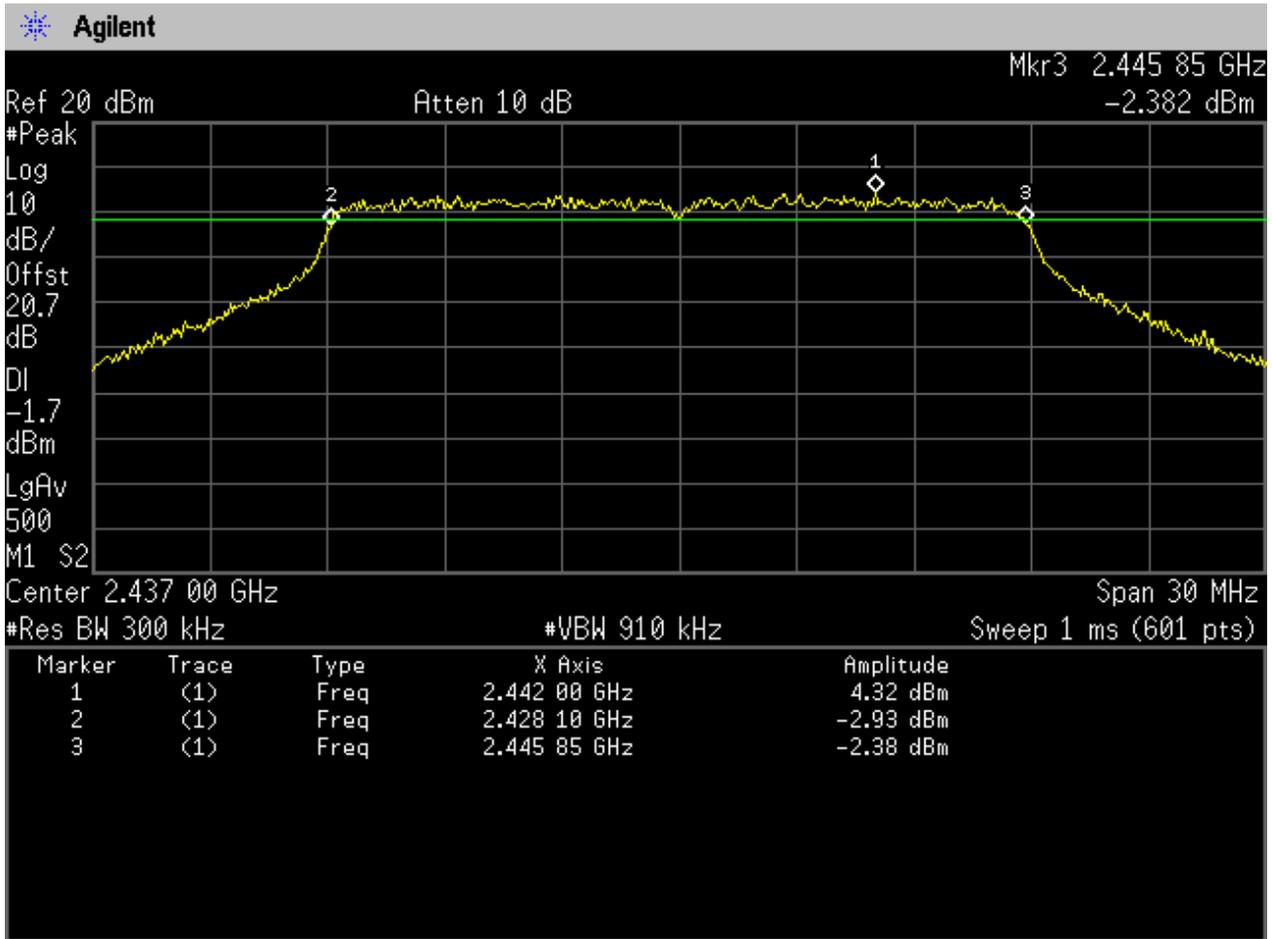
2.26.1 Ant 1



2.26.2 Ant 2

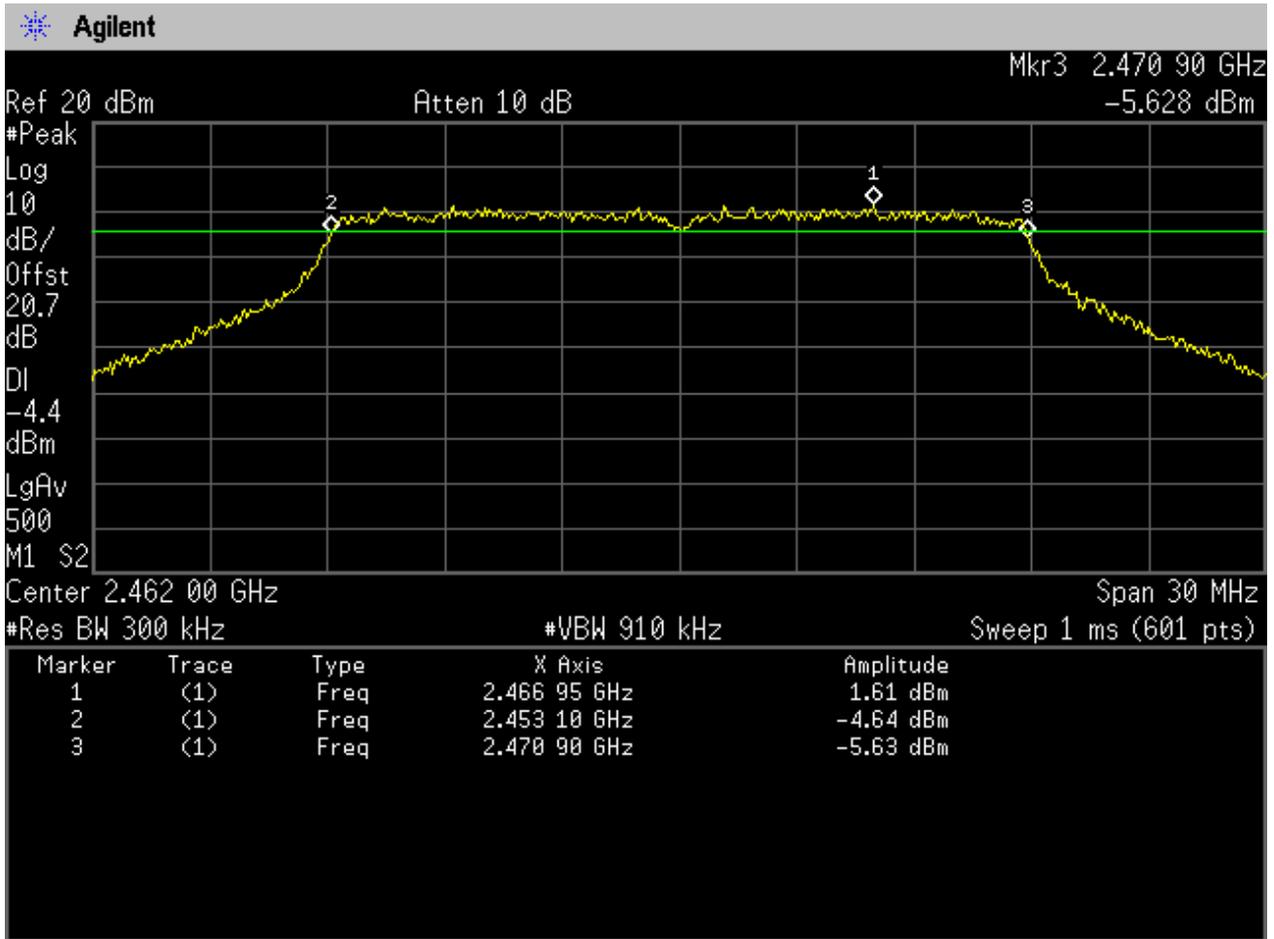


2.26.3 Ant 3

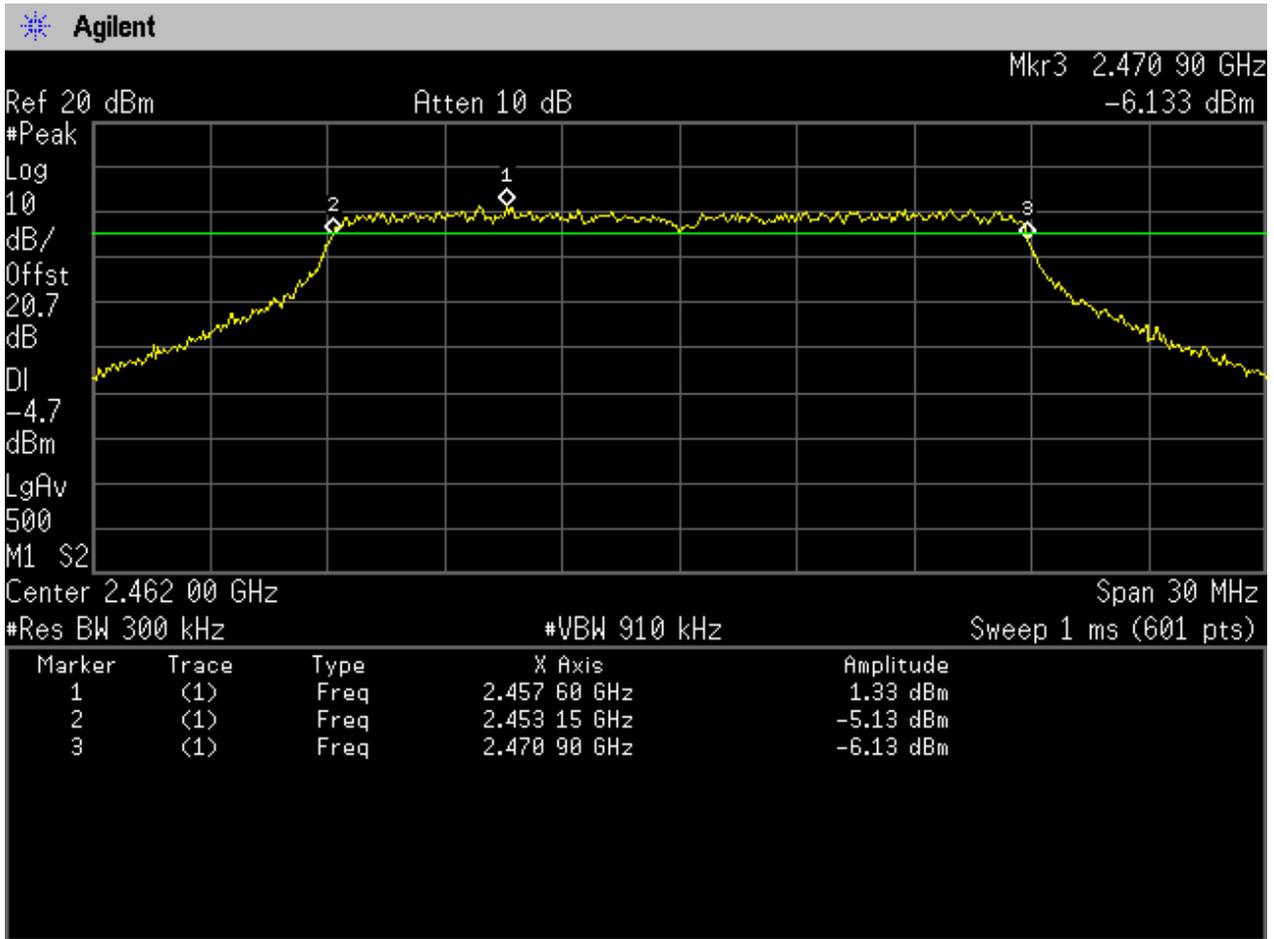


2.2711N20m/16_T@1+2+3

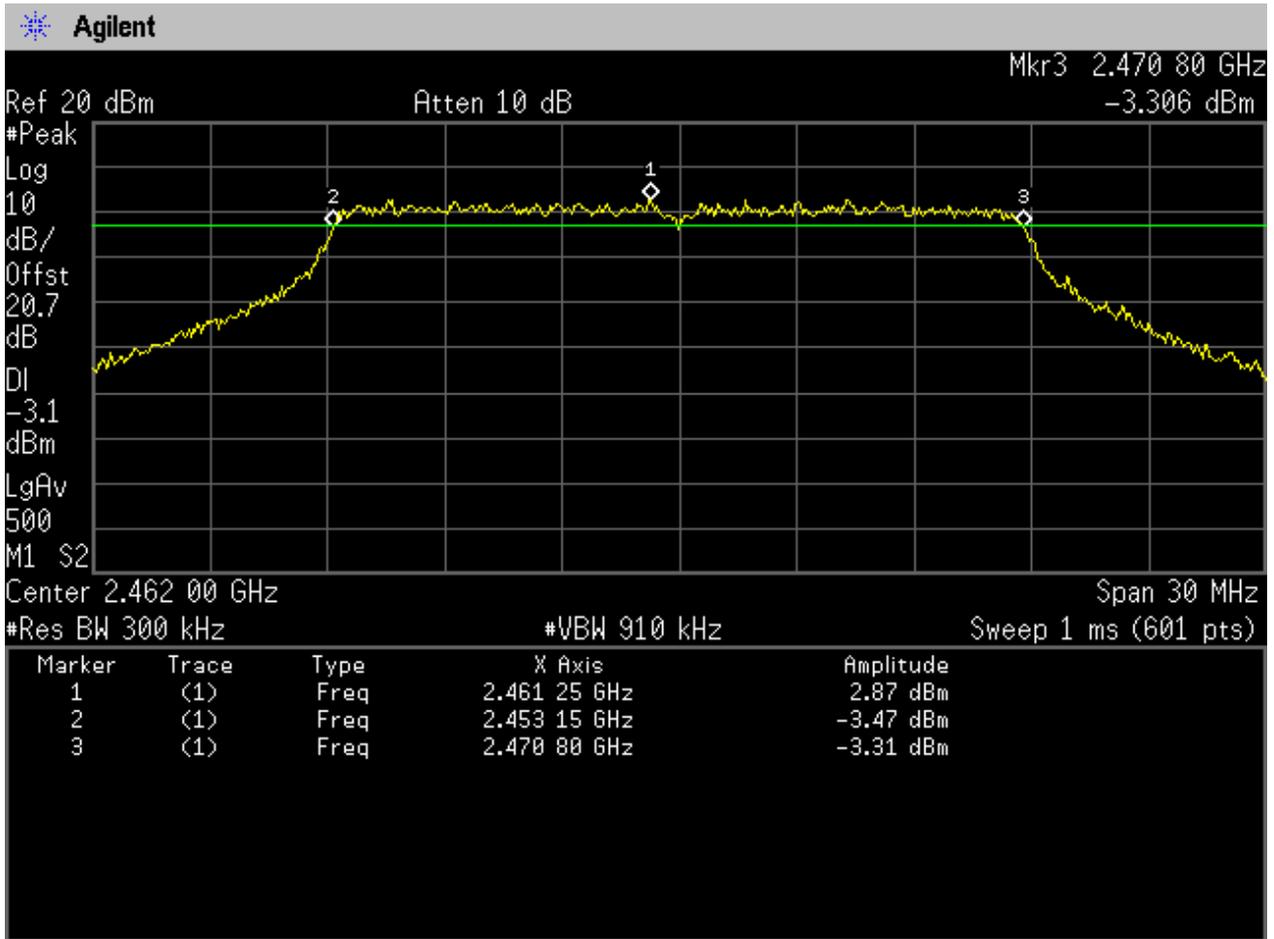
2.27.1 Ant 1



2.27.2 Ant 2



2.27.3 Ant 3





Appendix B: Occupied Bandwidth



For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain, and used as respective results for each chain.

1 Result Table

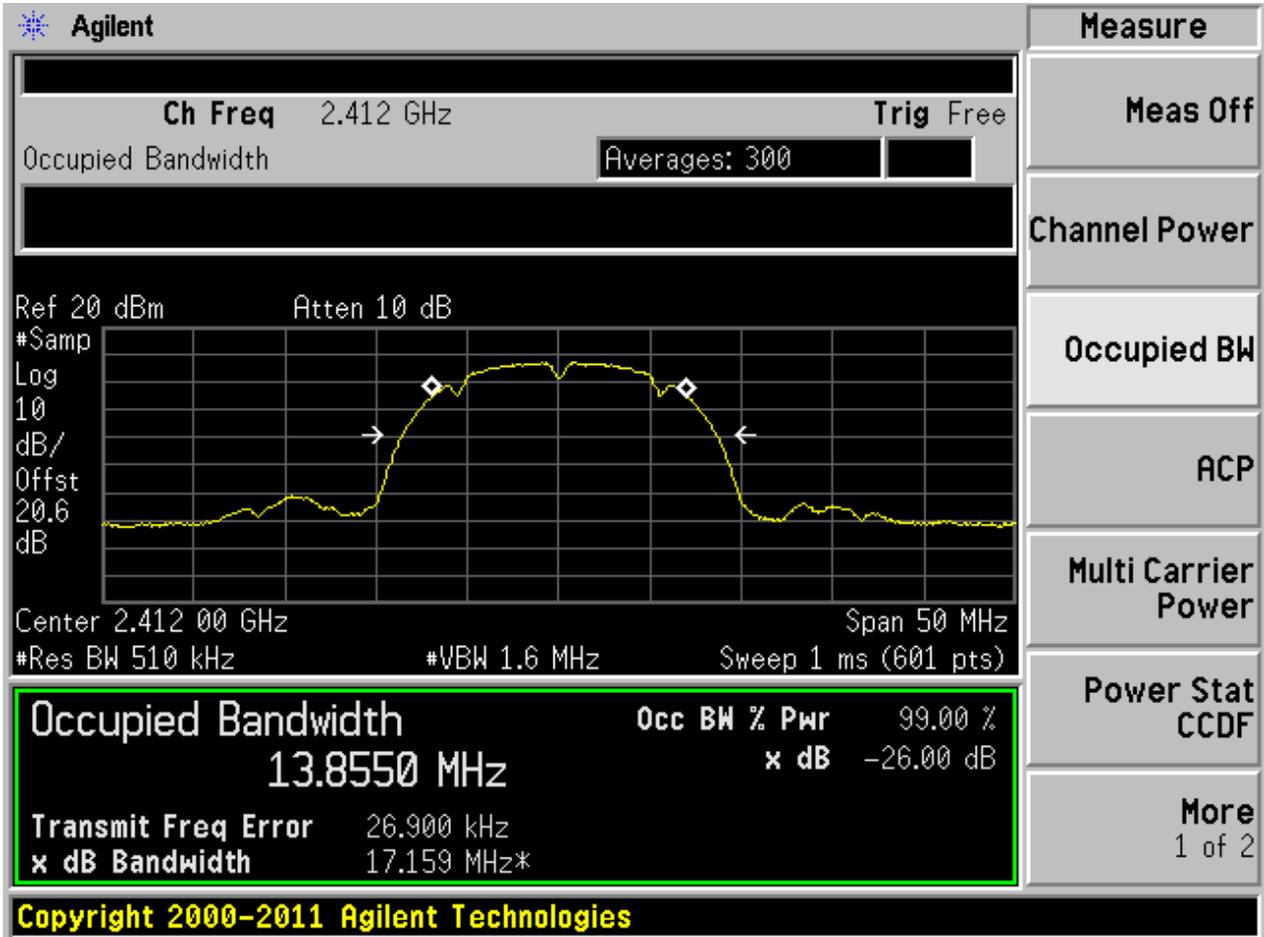
EUT Conf.	Ant.	Occupied Bandwidth [MHz]	Verdict
11B/1_B@2	Ant 2	13.9	Pass
11B/1_M@2	Ant 2	13.9	Pass
11B/1_T@2	Ant 2	13.9	Pass
11Bd/1_B@1+2	Ant 1	13.8	Pass
	Ant 2	13.9	Pass
11Bd/1_M@1+2	Ant 1	13.8	Pass
	Ant 2	13.8	Pass
11Bd/1_T@1+2	Ant 1	13.8	Pass
	Ant 2	13.9	Pass
11Bd/1_B@1+2+3	Ant 1	13.8	Pass
	Ant 2	13.8	
	Ant 3	13.8	Pass
11Bd/1_M@1+2+3	Ant 1	13.8	Pass
	Ant 2	13.9	
	Ant 3	13.9	Pass
11Bd/1_T@1+2+3	Ant 1	13.8	Pass
	Ant 2	13.9	
	Ant 3	13.8	Pass
11G/6_B@2	Ant 2	16.7	Pass
11G/6_M@2	Ant 2	16.7	Pass
11G/6_T@2	Ant 2	16.7	Pass
11Gd/6_B@1+2	Ant 1	16.7	Pass
	Ant 2	16.7	Pass
11Gd/6_M@1+2	Ant 1	16.7	Pass
	Ant 2	16.6	Pass
11Gd/6_T@1+2	Ant 1	16.7	Pass
	Ant 2	16.7	Pass
11Gd/6_B@1+2+3	Ant 1	16.7	Pass
	Ant 2	16.6	
	Ant 3	16.7	Pass
11Gd/6_M@1+2+3	Ant 1	16.6	Pass
	Ant 2	16.7	
	Ant 3	16.6	Pass
11Gd/6_T@1+2+3	Ant 1	16.6	Pass
	Ant 2	16.7	



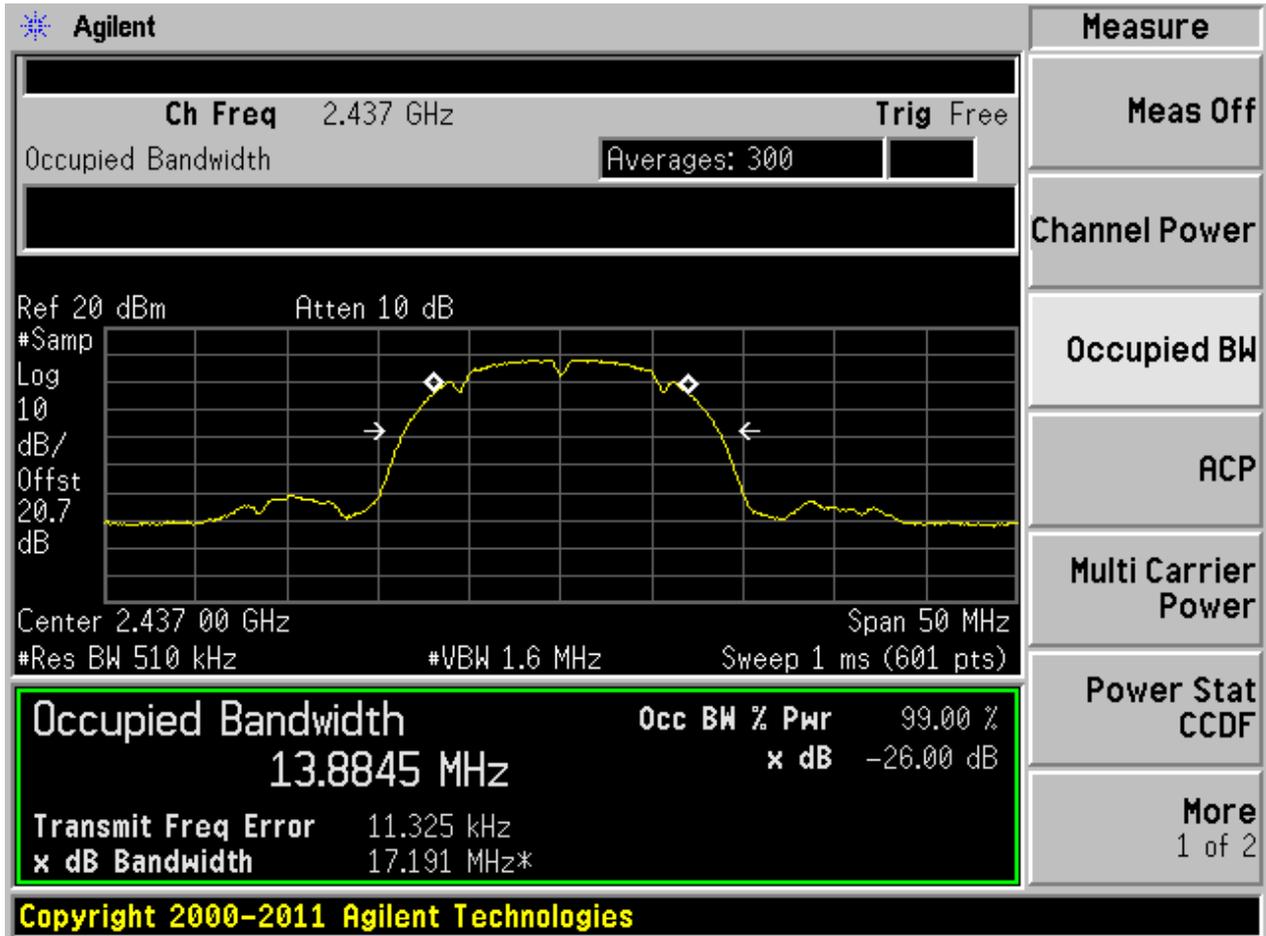
EUT Conf.	Ant.	Occupied Bandwidth [MHz]	Verdict
	Ant 3	16.6	Pass
11N20/0_B@2	Ant 2	17.8	Pass
11N20/0_M@2	Ant 2	17.8	Pass
11N20/0_T@2	Ant 2	17.8	Pass
11N20m/8_B@1+2	Ant 1	17.8	Pass
	Ant 2	17.8	Pass
11N20m/8_M@1+2	Ant 1	17.8	Pass
	Ant 2	17.8	Pass
11N20m/8_T@1+2	Ant 1	17.9	Pass
	Ant 2	17.8	Pass
11N20m/16_B@1+2+ 3	Ant 1	17.8	Pass
	Ant 2	17.8	
	Ant 3	17.8	Pass
11N20m/16_M@1+2+ 3	Ant 1	17.8	Pass
	Ant 2	17.8	
	Ant 3	17.8	Pass
11N20m/16_T@1+2+ 3	Ant 1	17.8	Pass
	Ant 2	17.9	
	Ant 3	17.8	Pass

2 Test Plot

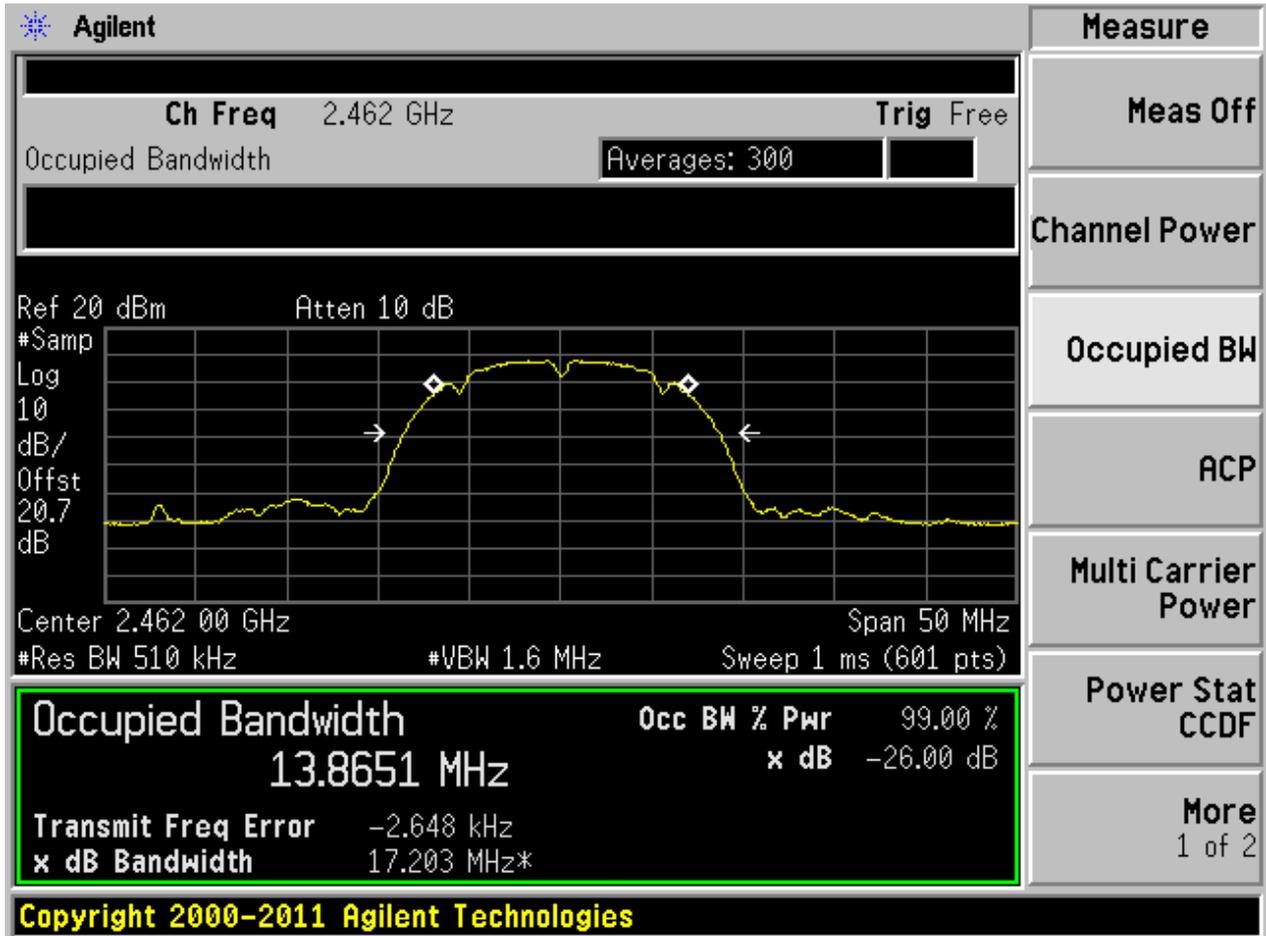
2.1 11B/1_B@2



2.2 11B/1_M@2

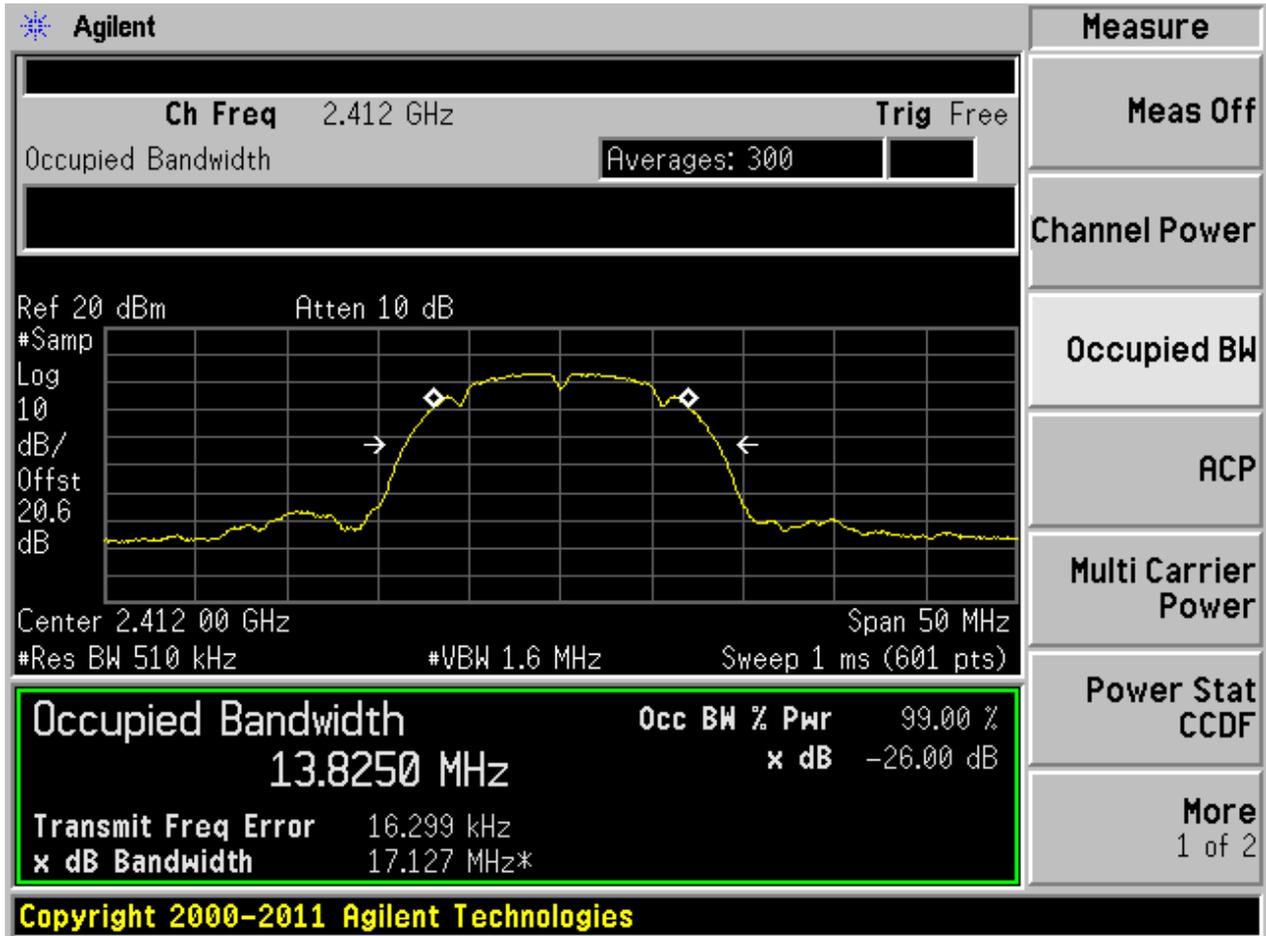


2.3 11B/1_T@2

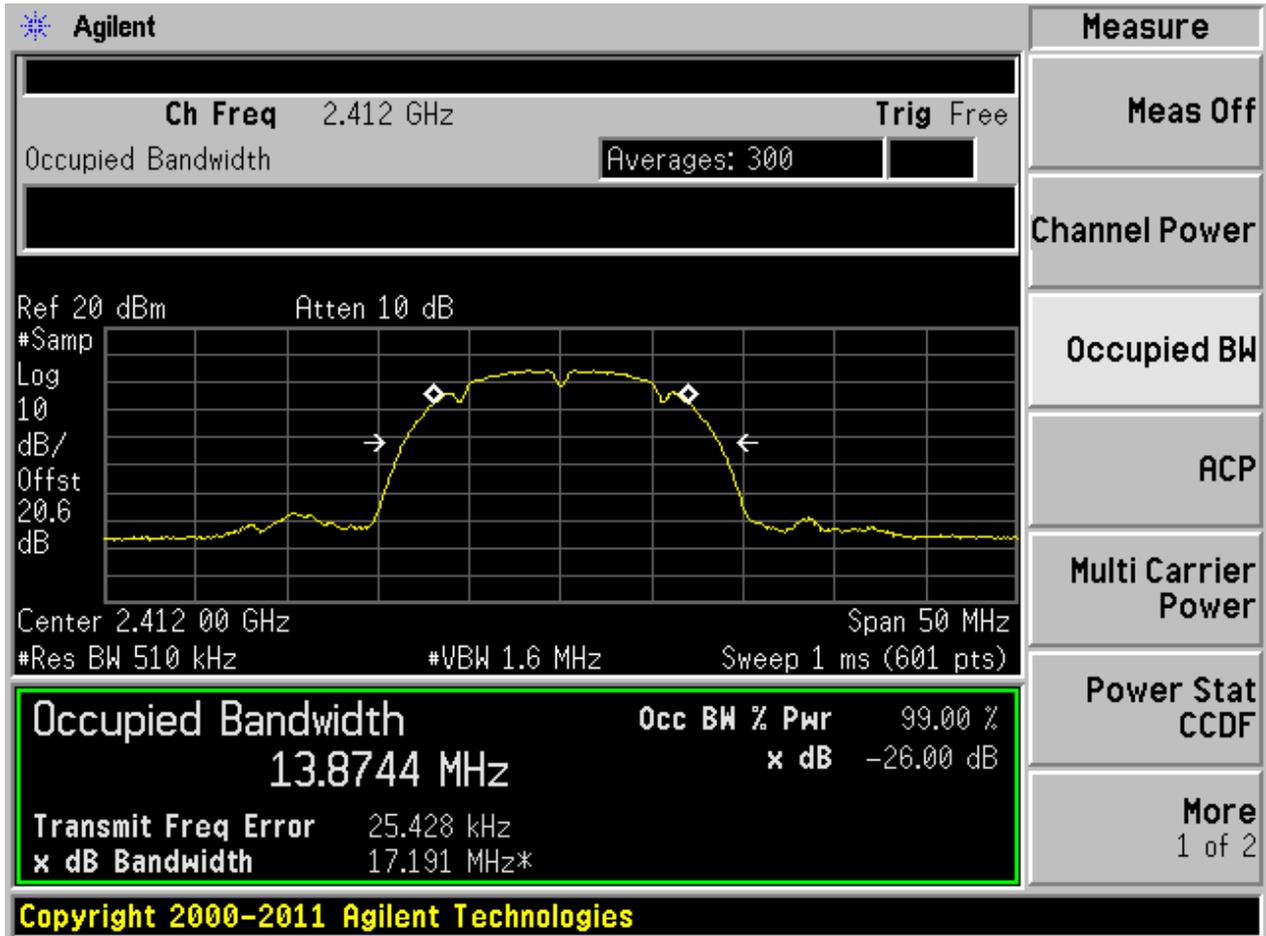


2.4 11Bd/1_B@1+2

2.4.1 Ant 1

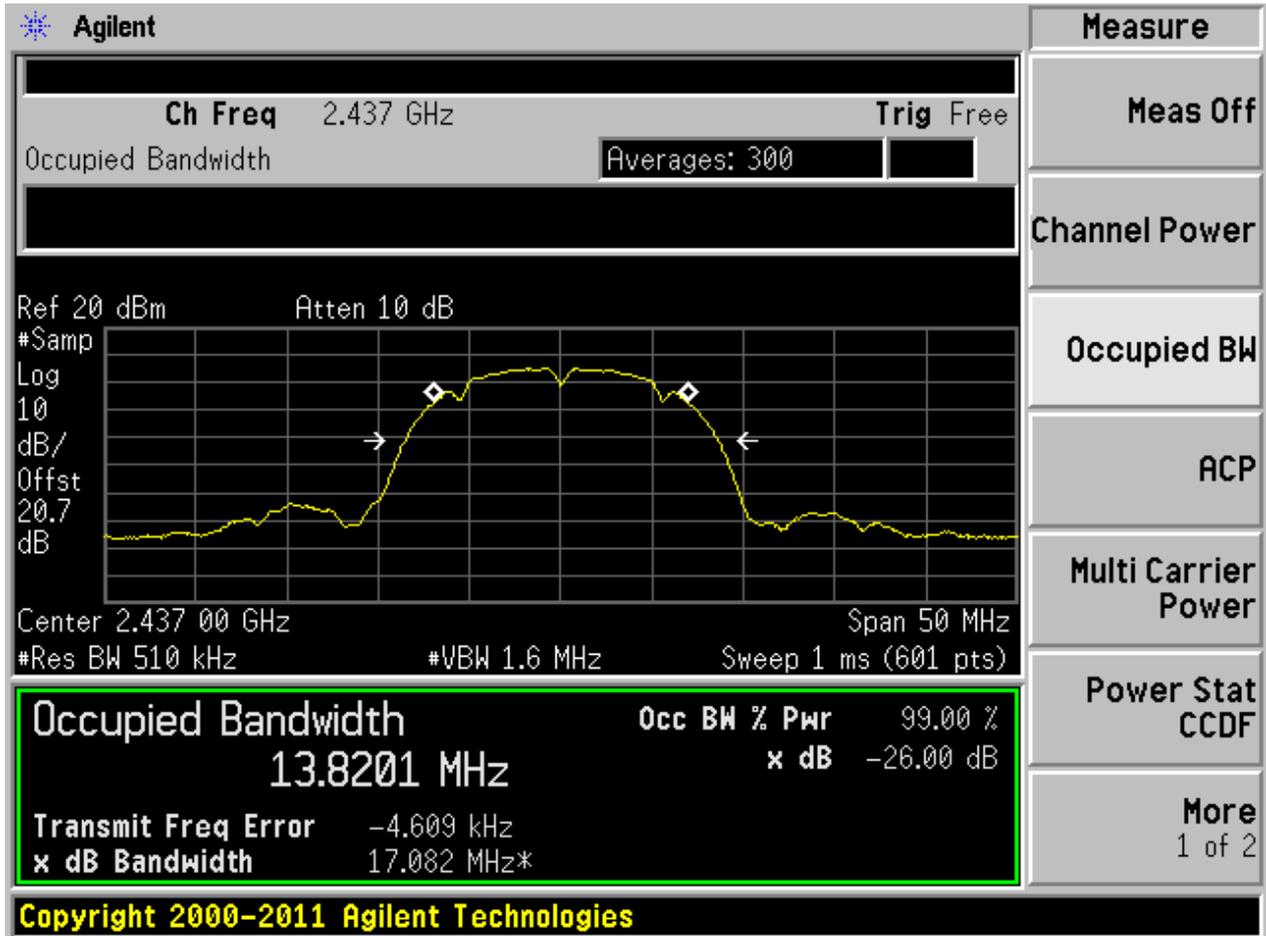


2.4.2 Ant 2

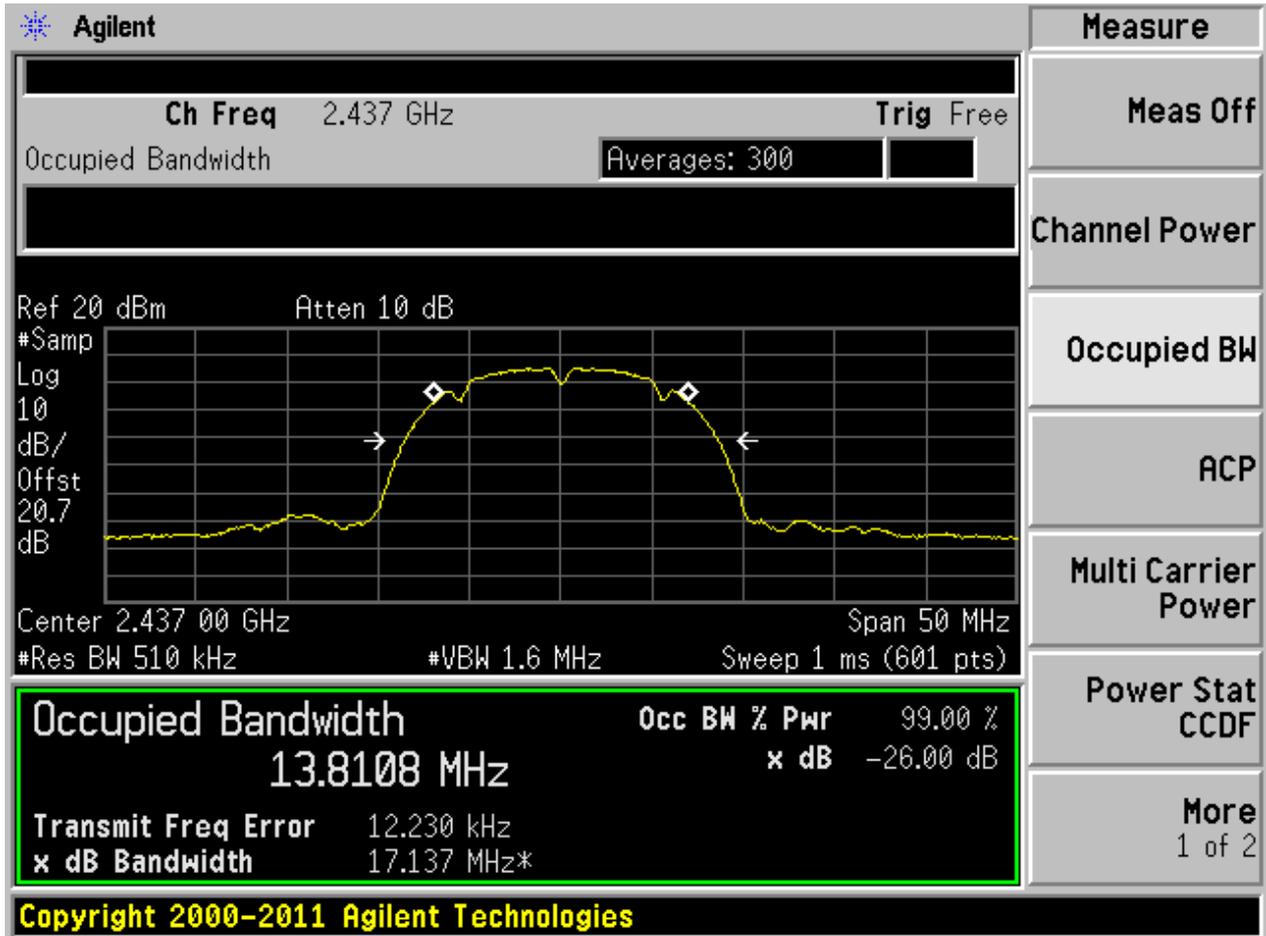


2.5 11Bd/1_M@1+2

2.5.1 Ant 1

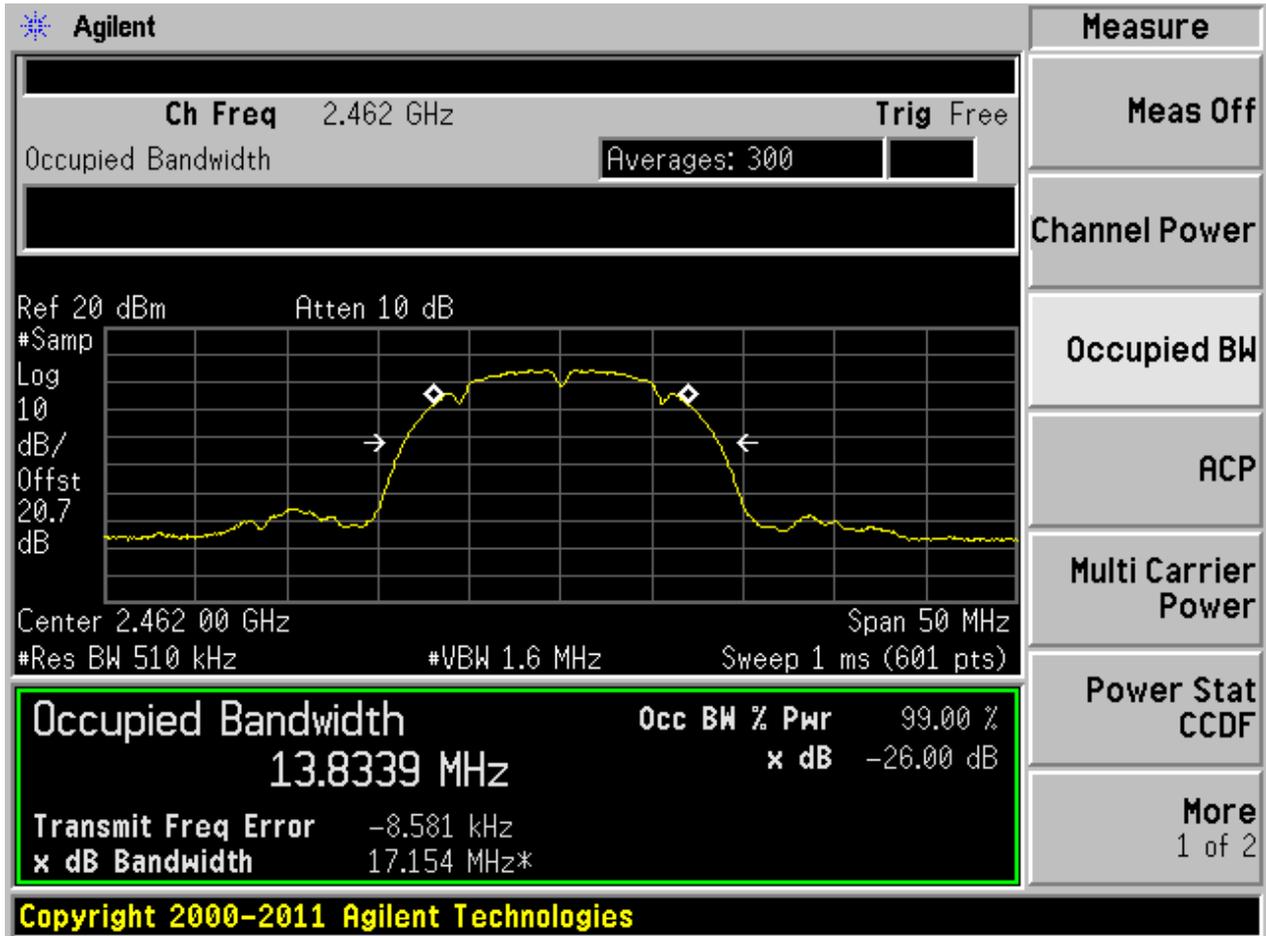


2.5.2 Ant 2

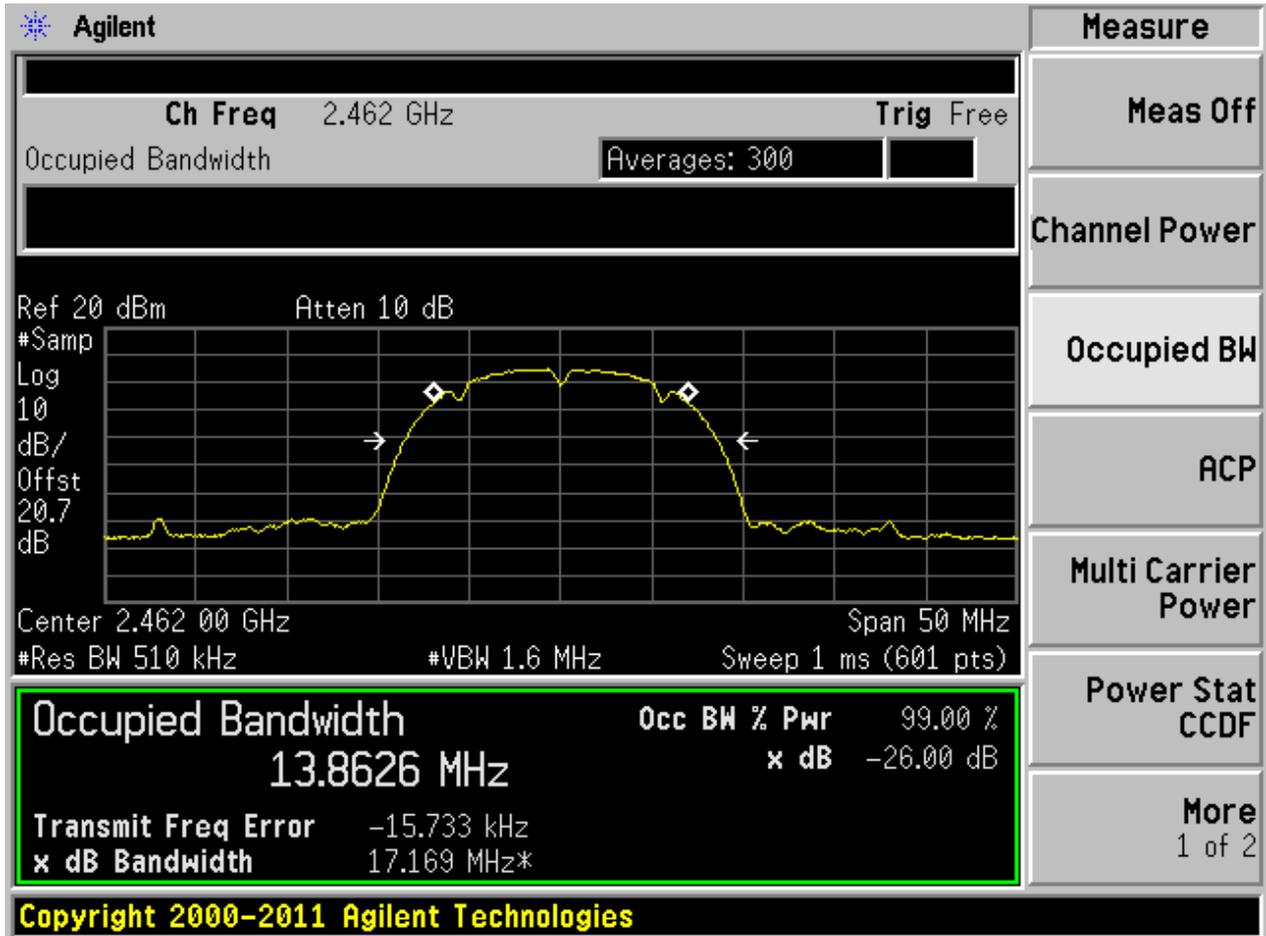


2.6 11Bd/1_T@1+2

2.6.1 Ant 1

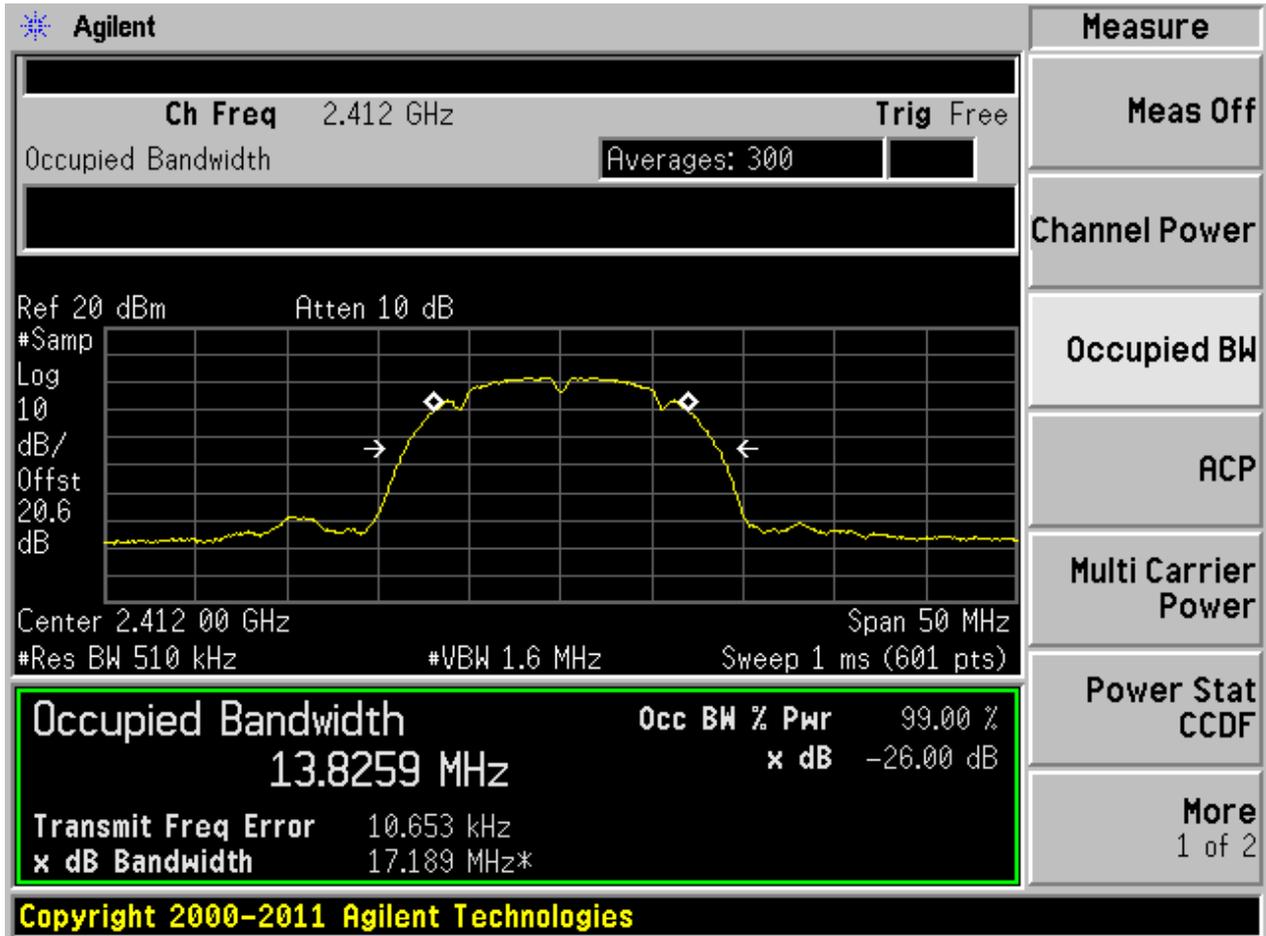


2.6.2 Ant 2

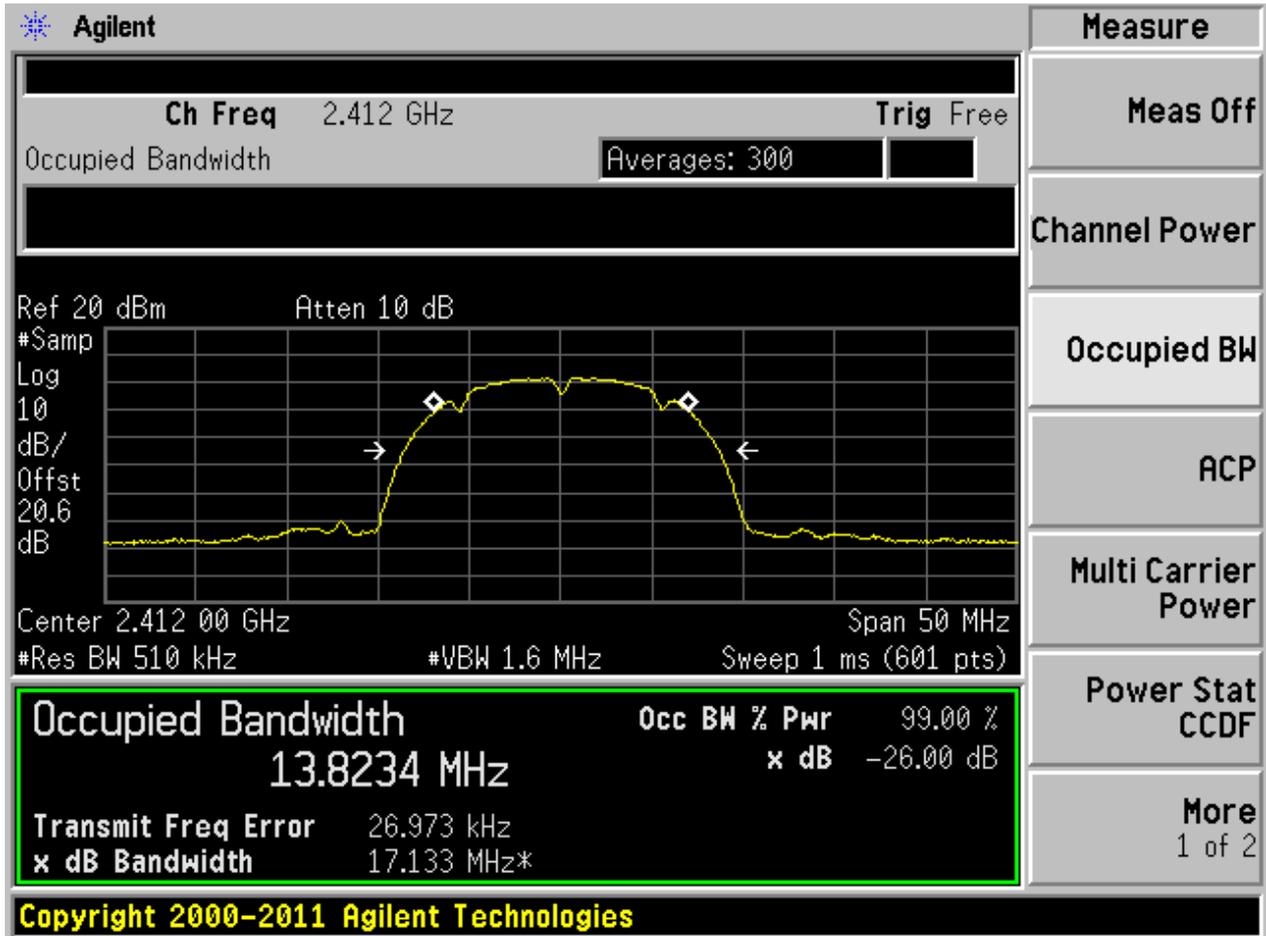


2.7 11Bd/1_B@1+2+3

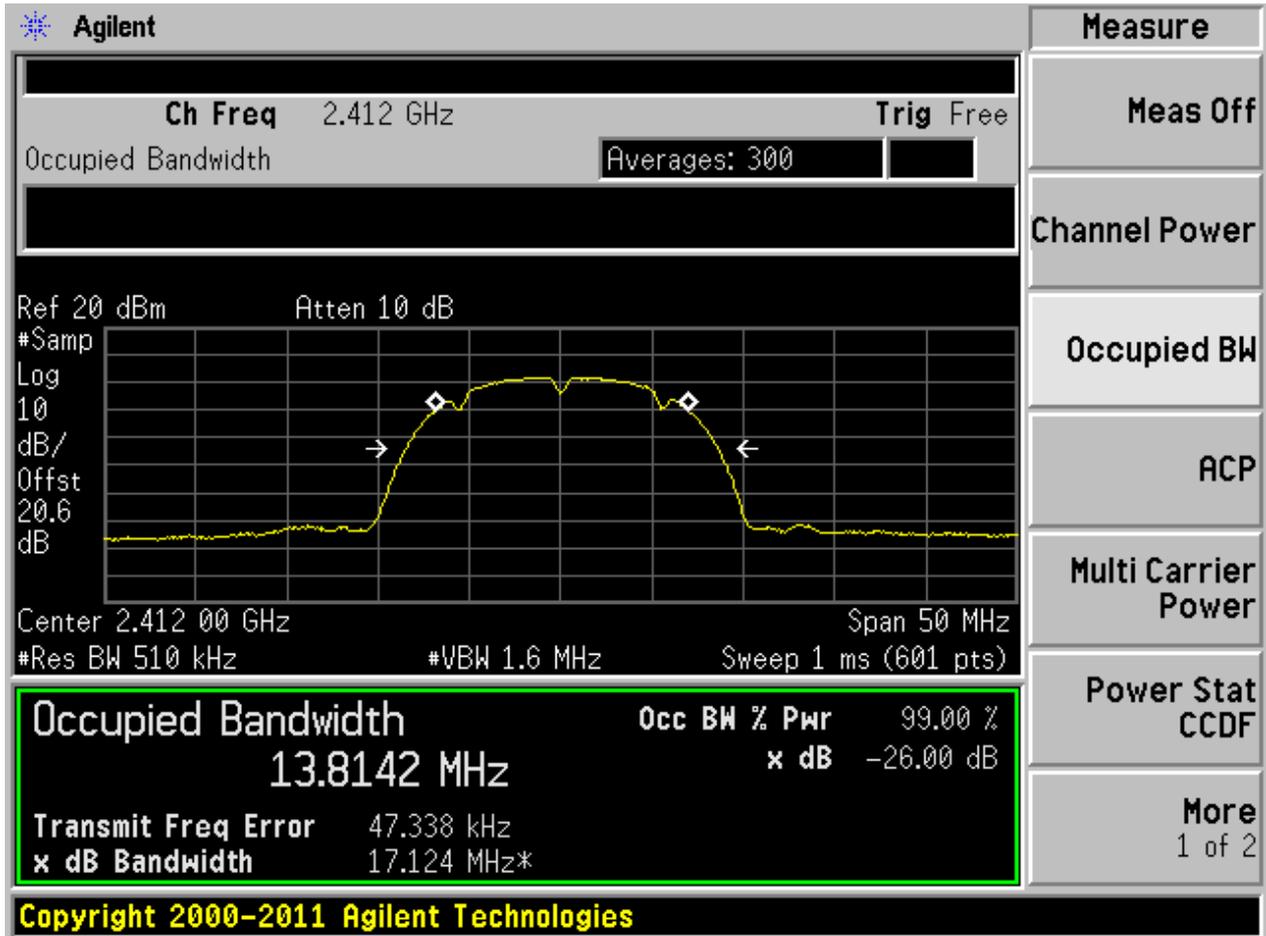
2.7.1 Ant 1



2.7.2 Ant 2

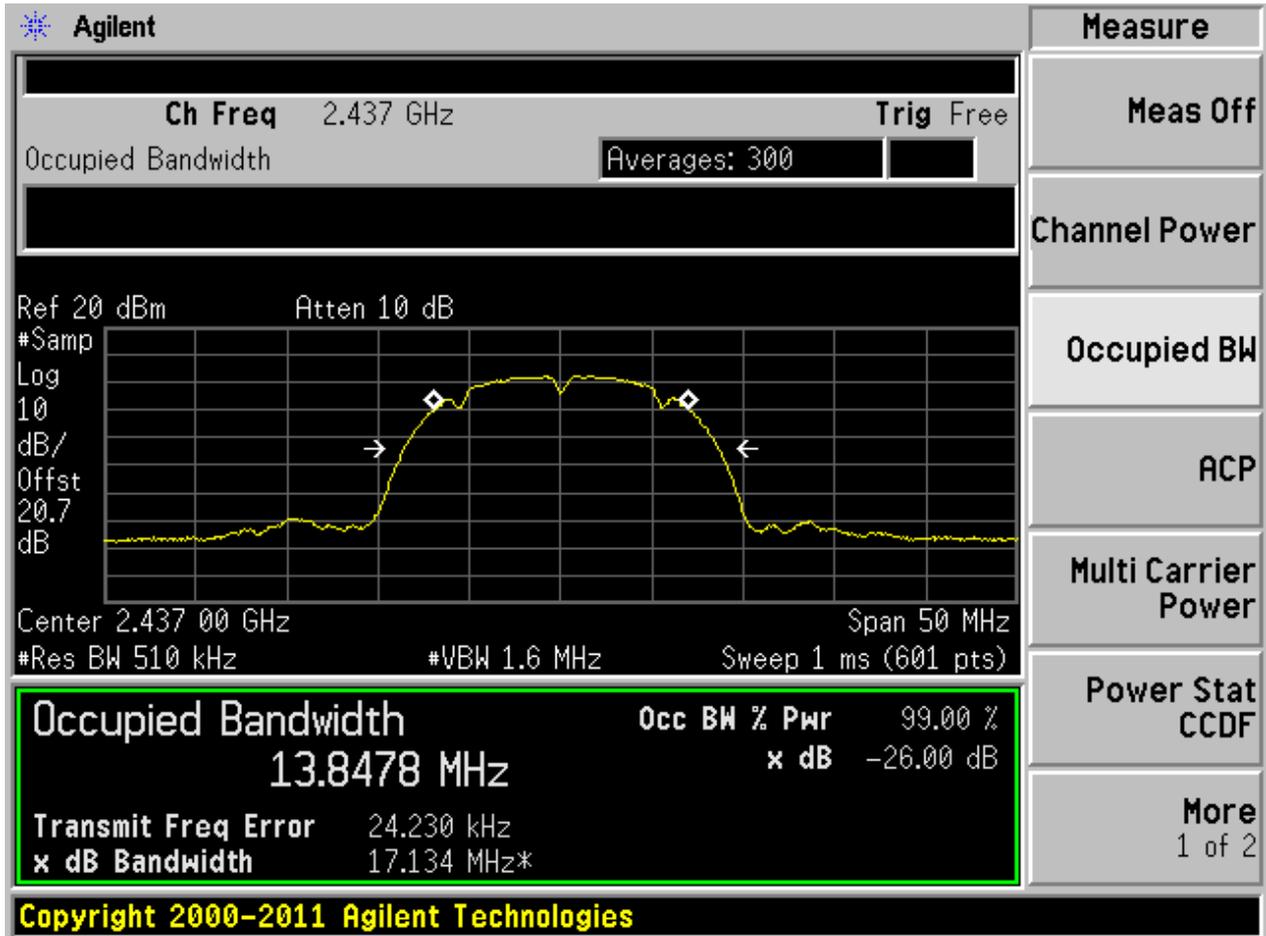


2.7.3 Ant 3

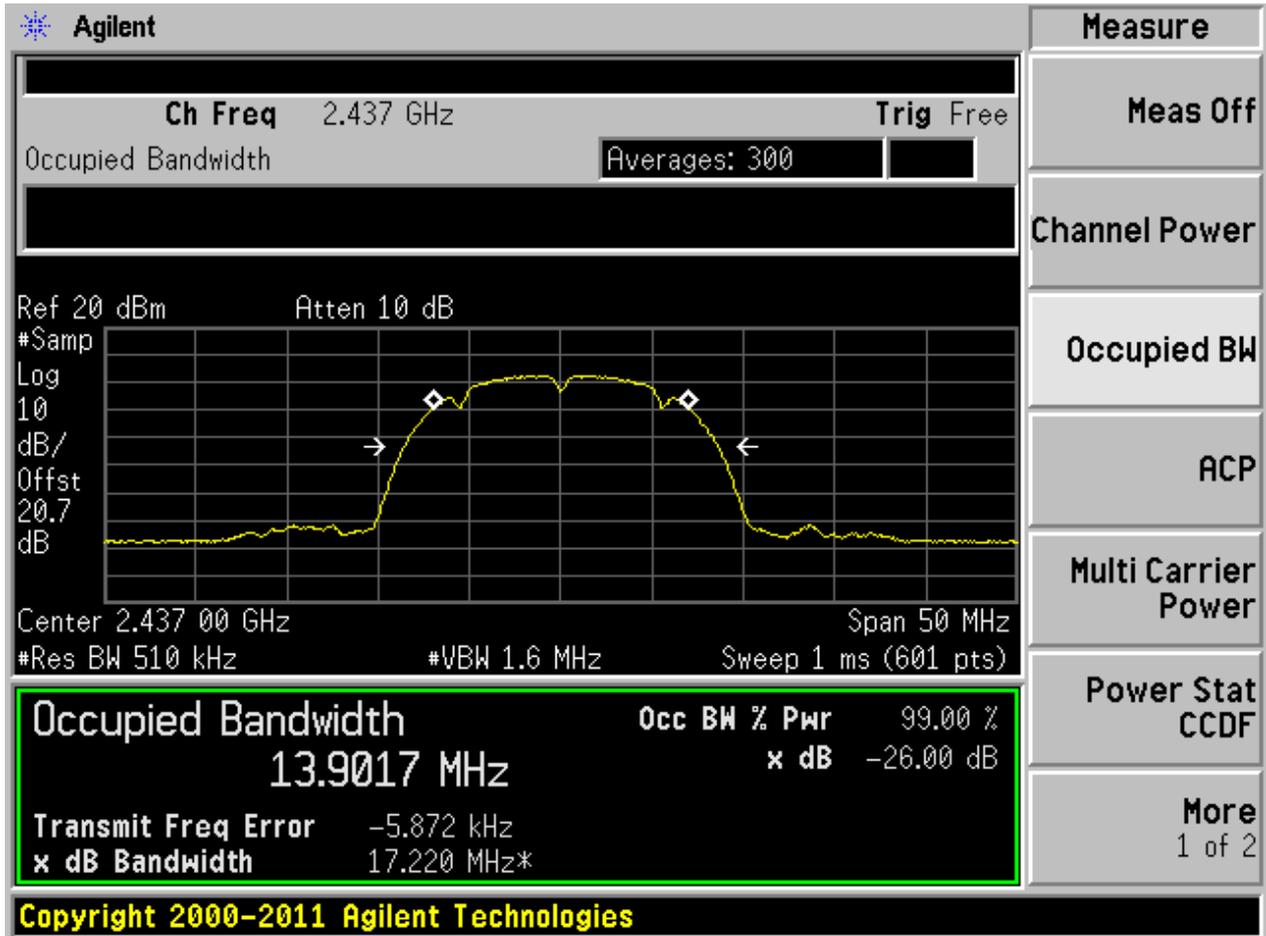


2.8 11Bd/1_M@1+2+3

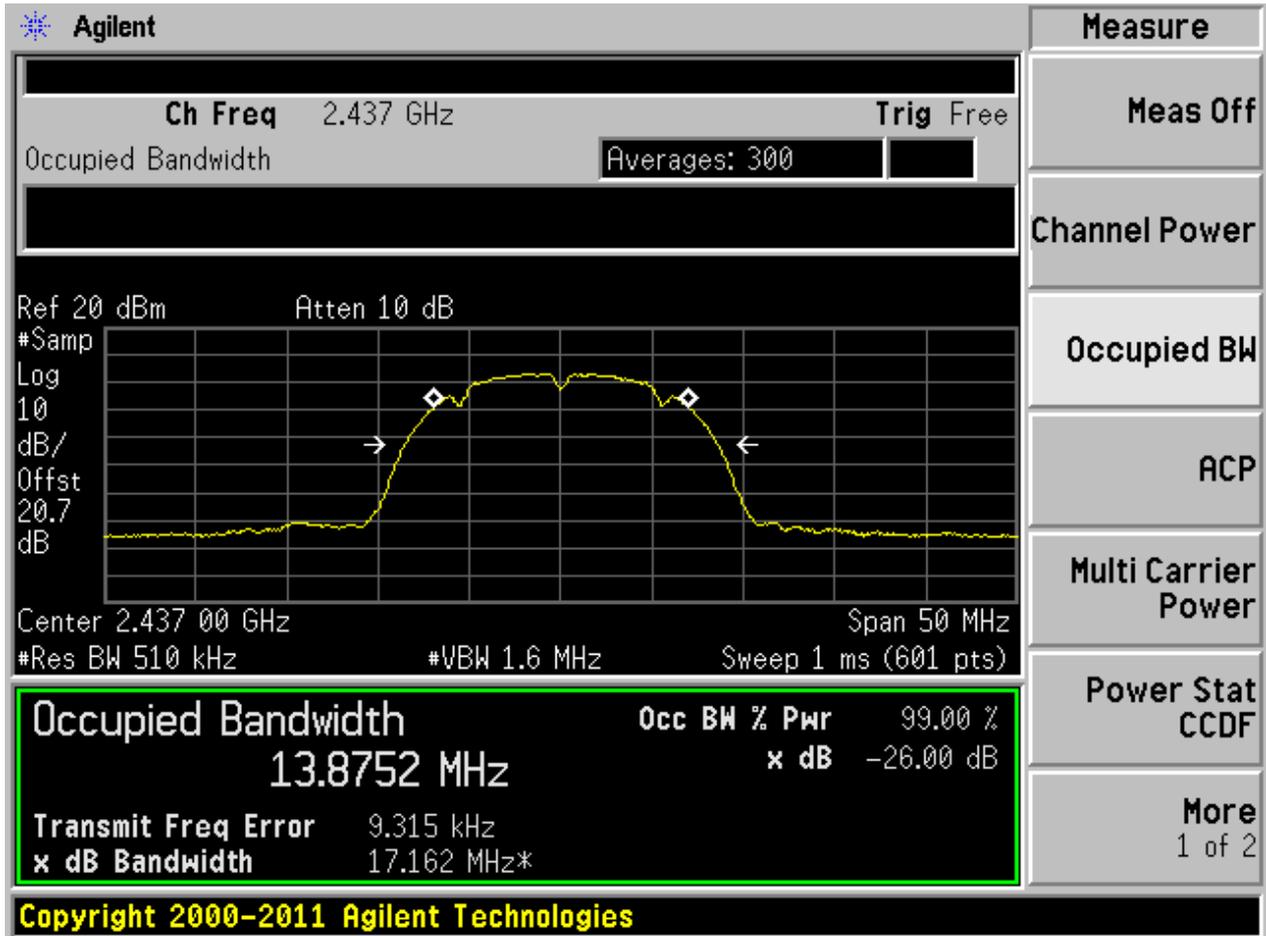
2.8.1 Ant 1



2.8.2 Ant 2

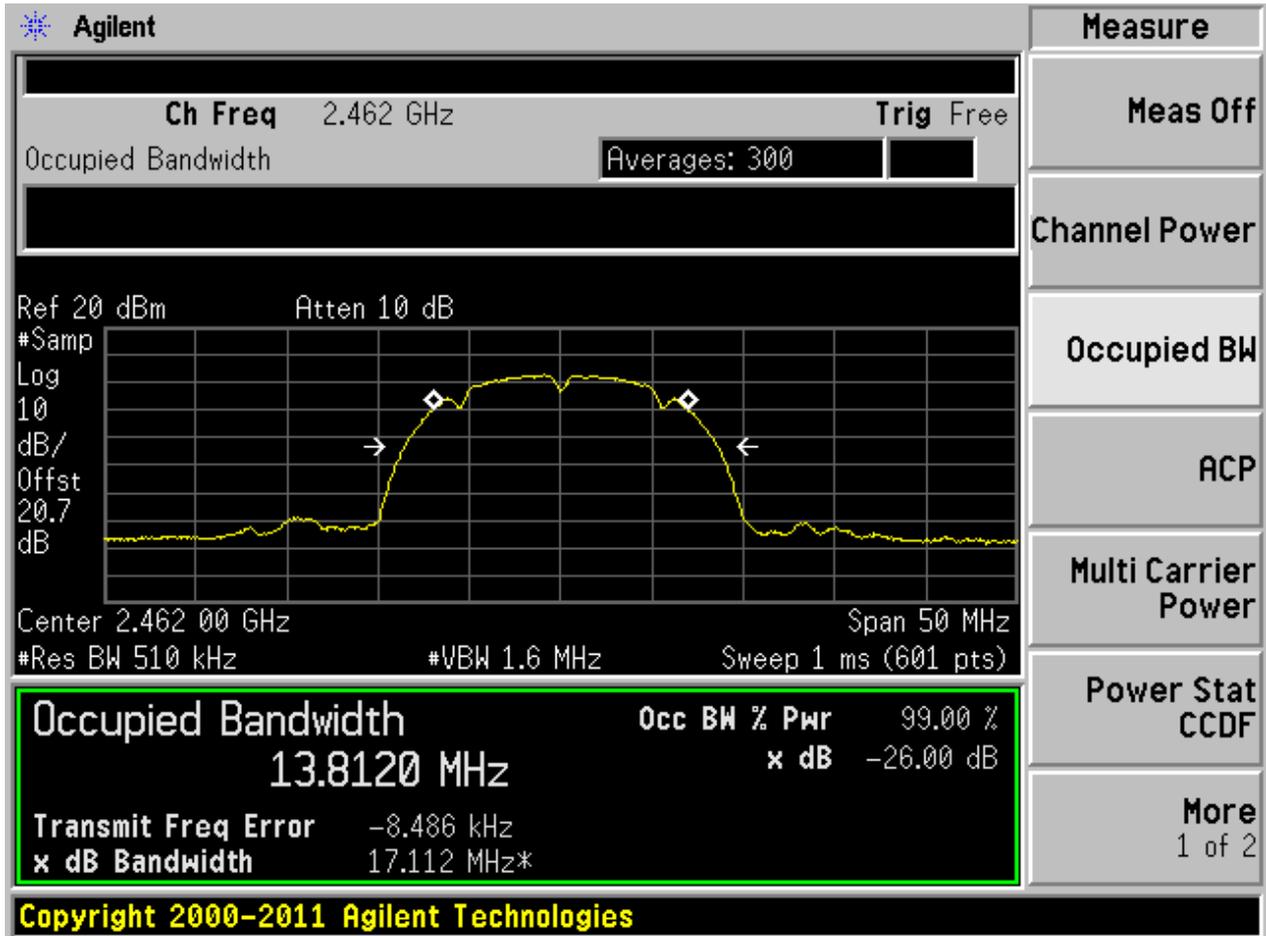


2.8.3 Ant 3

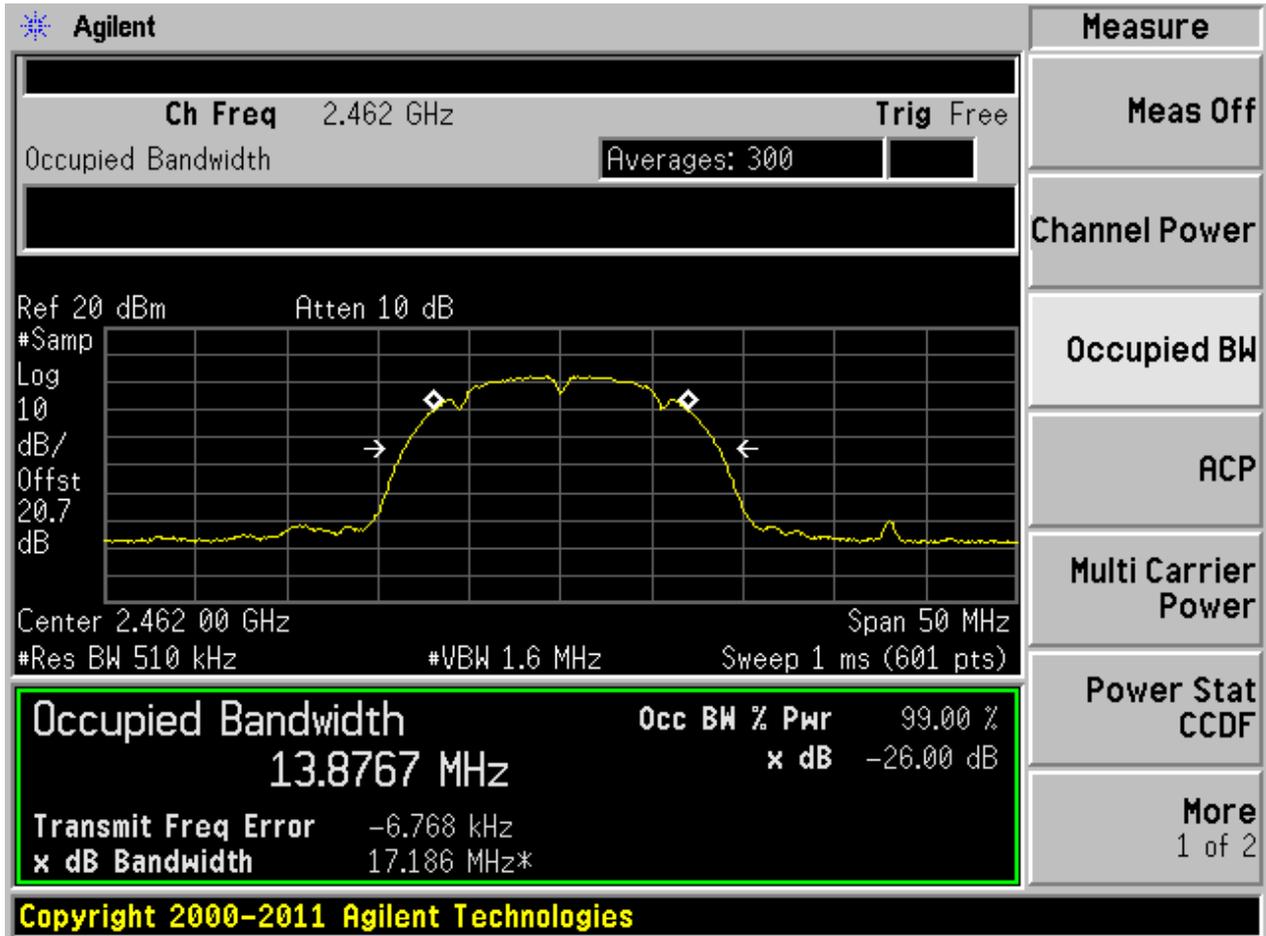


2.9 11Bd/1_T@1+2+3

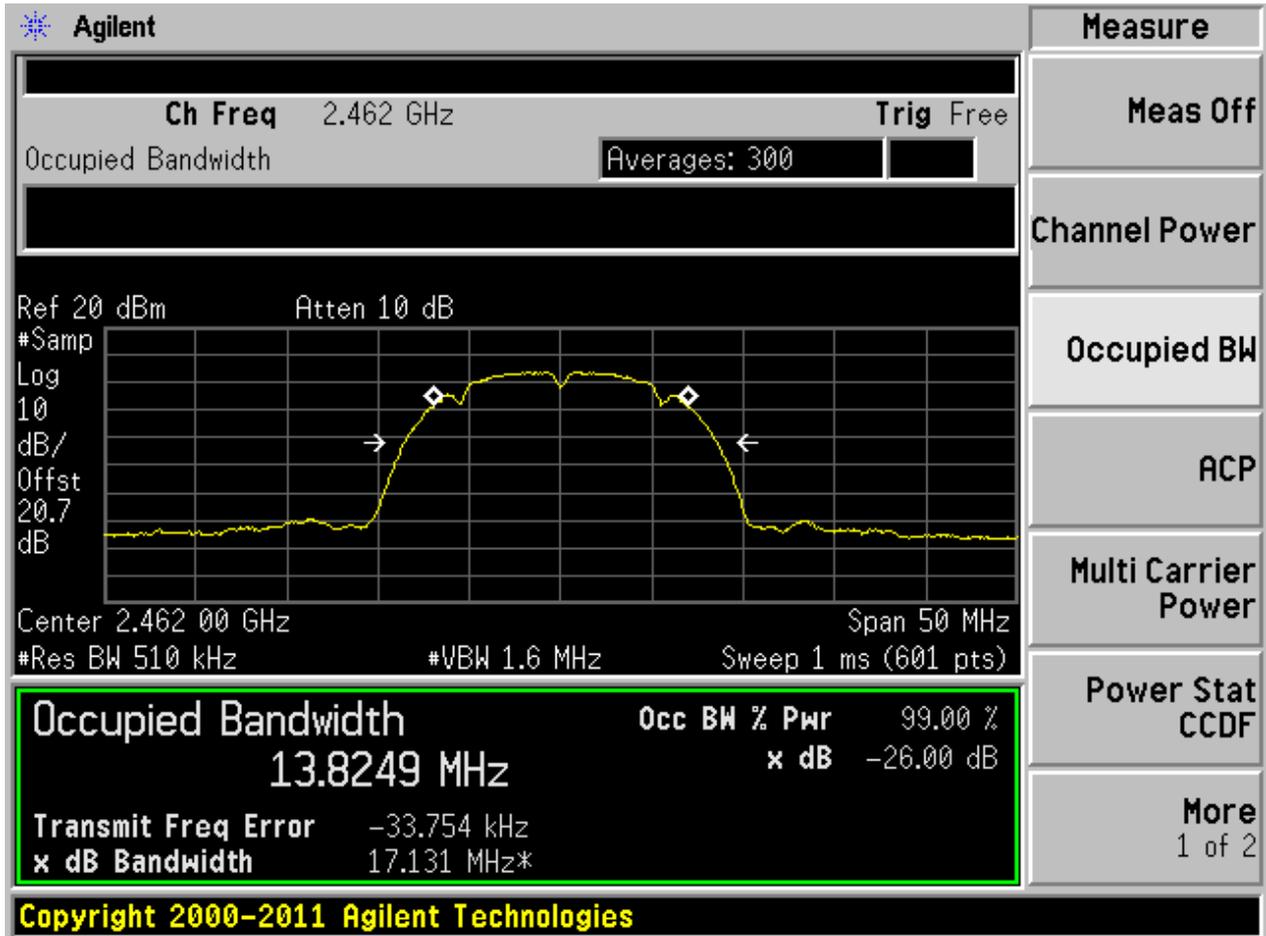
2.9.1 Ant 1



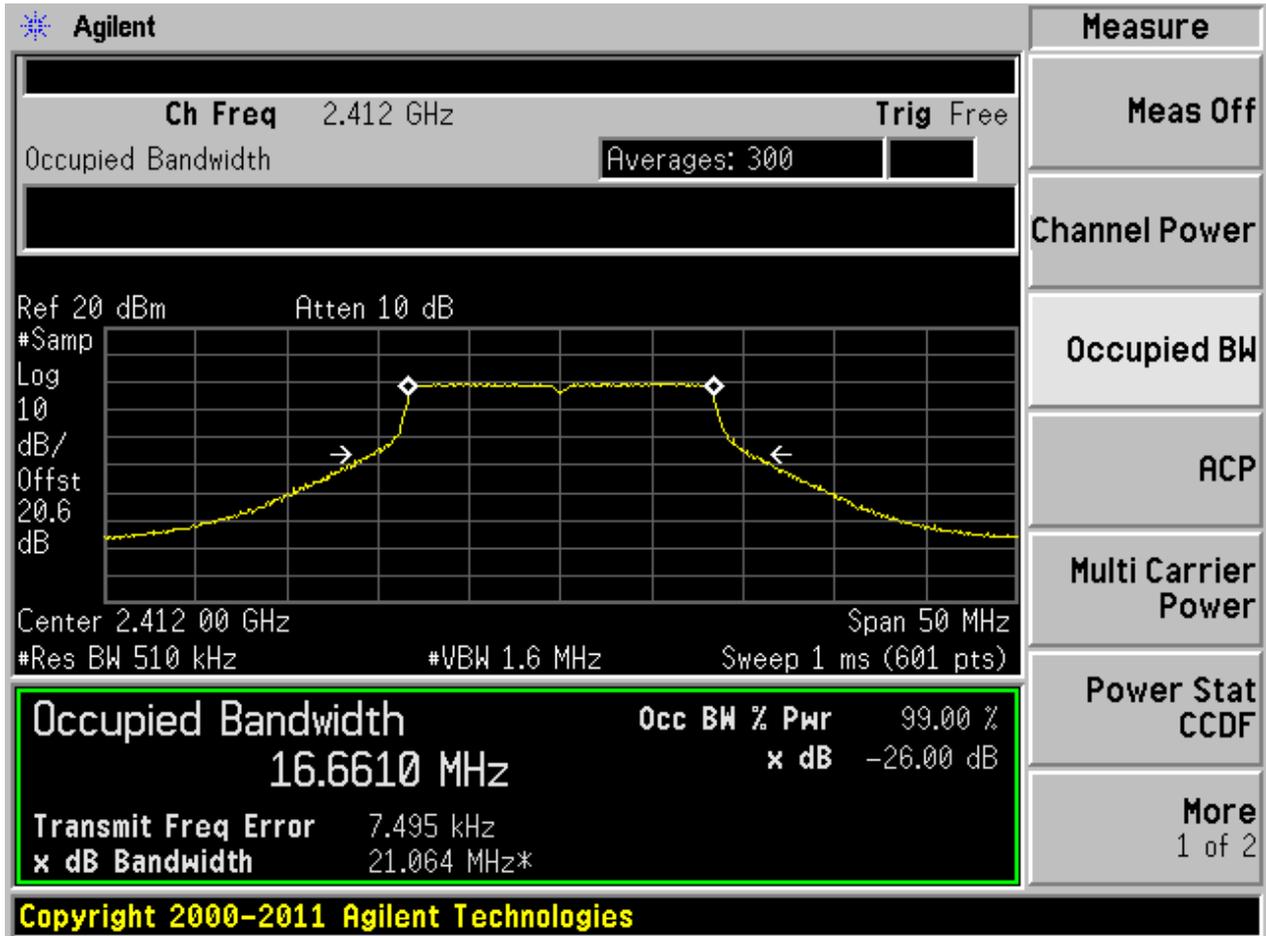
2.9.2 Ant 2



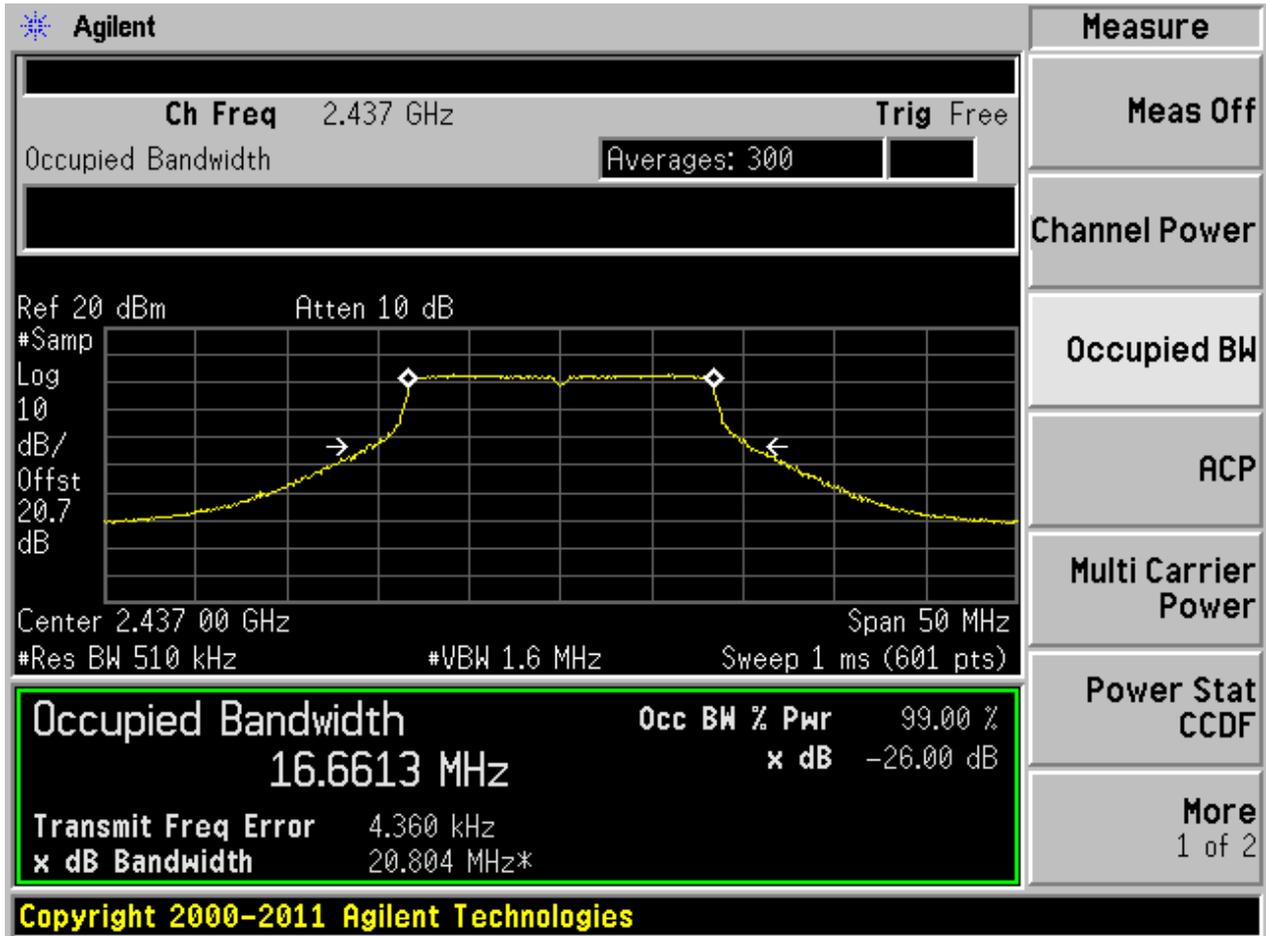
2.9.3 Ant 3



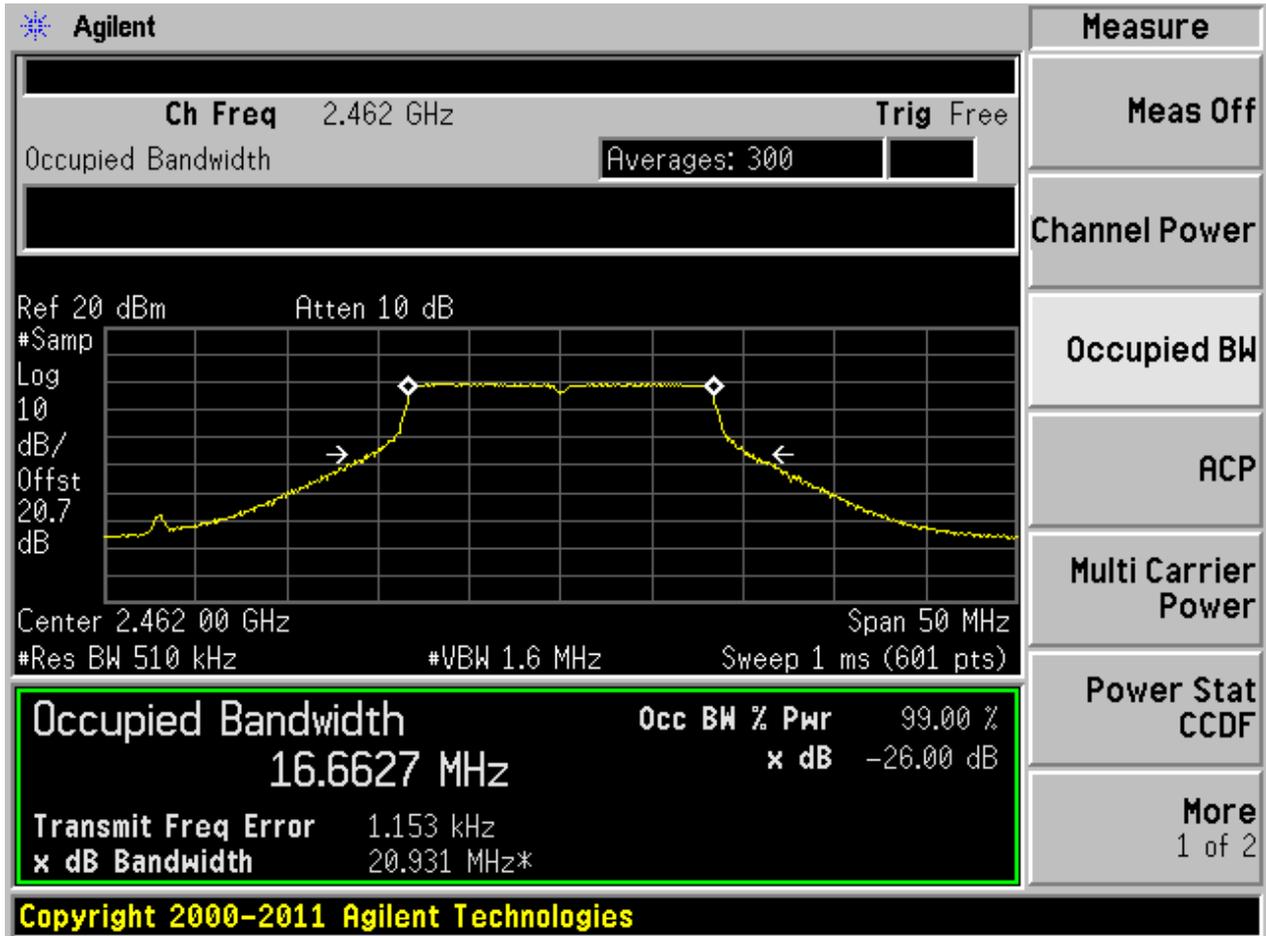
2.1011G/6_B@2



2.1111G/6_M@2

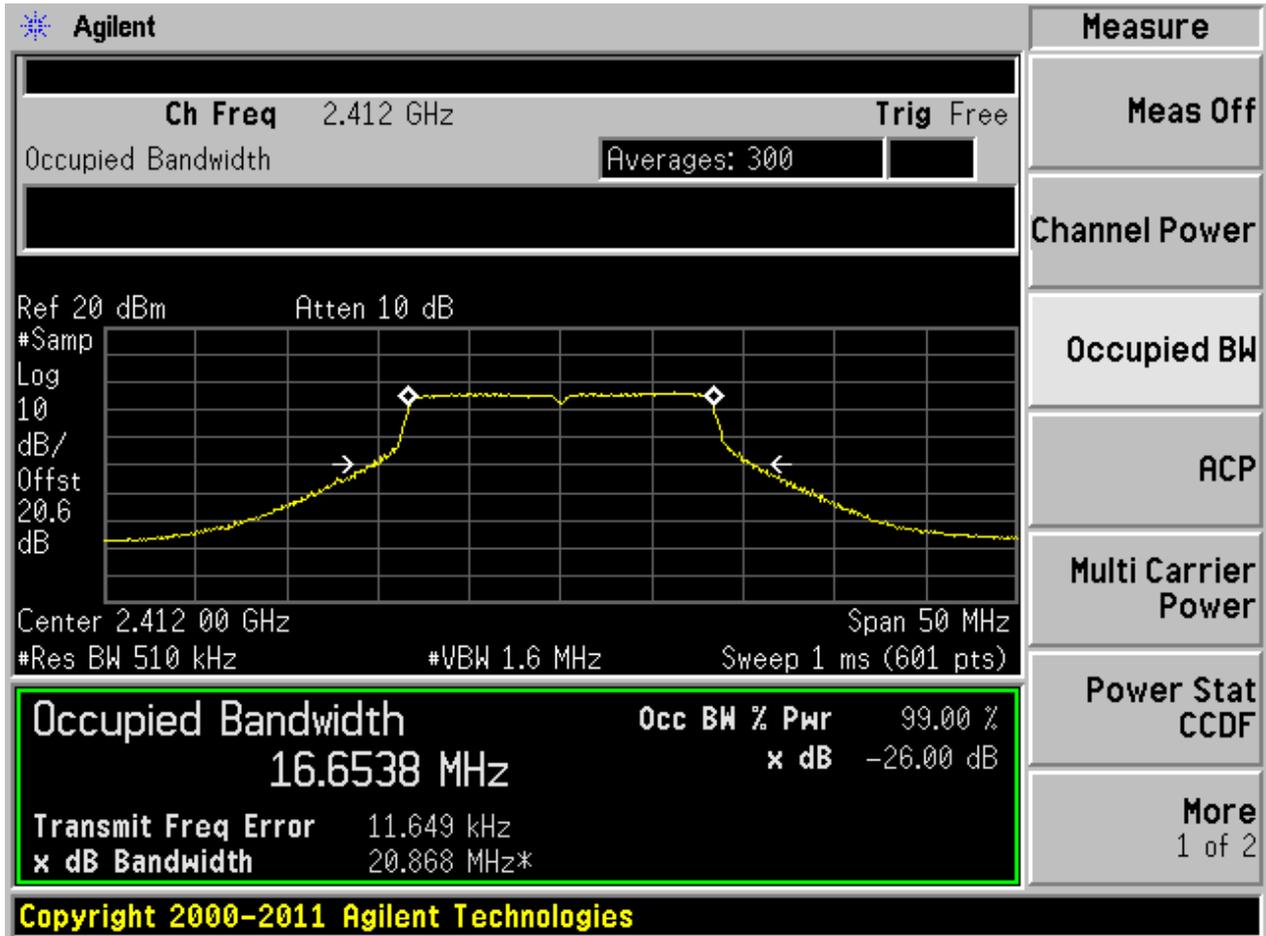


2.1211G/6_T@2

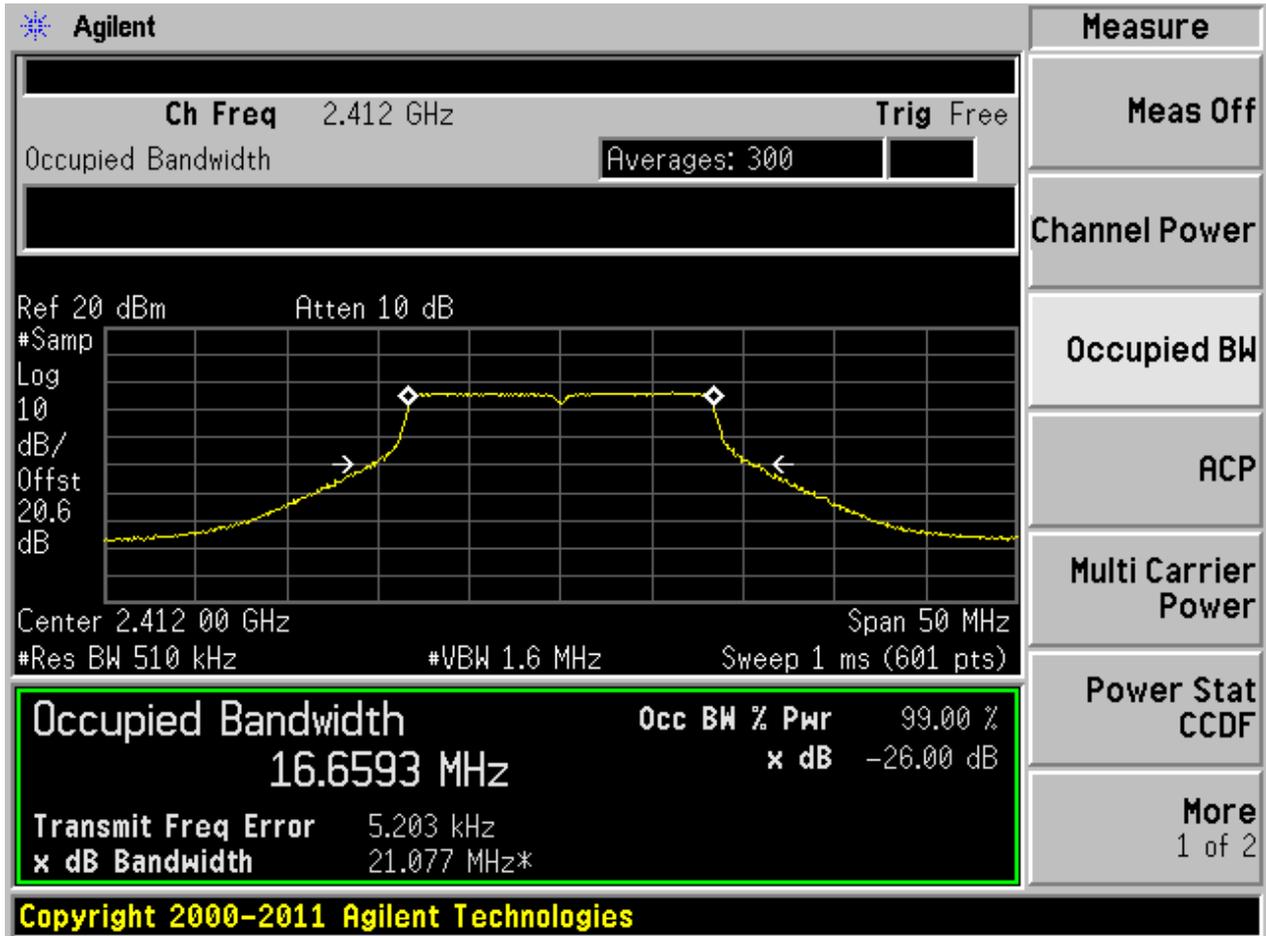


2.1311Gd/6_B@1+2

2.13.1 Ant 1

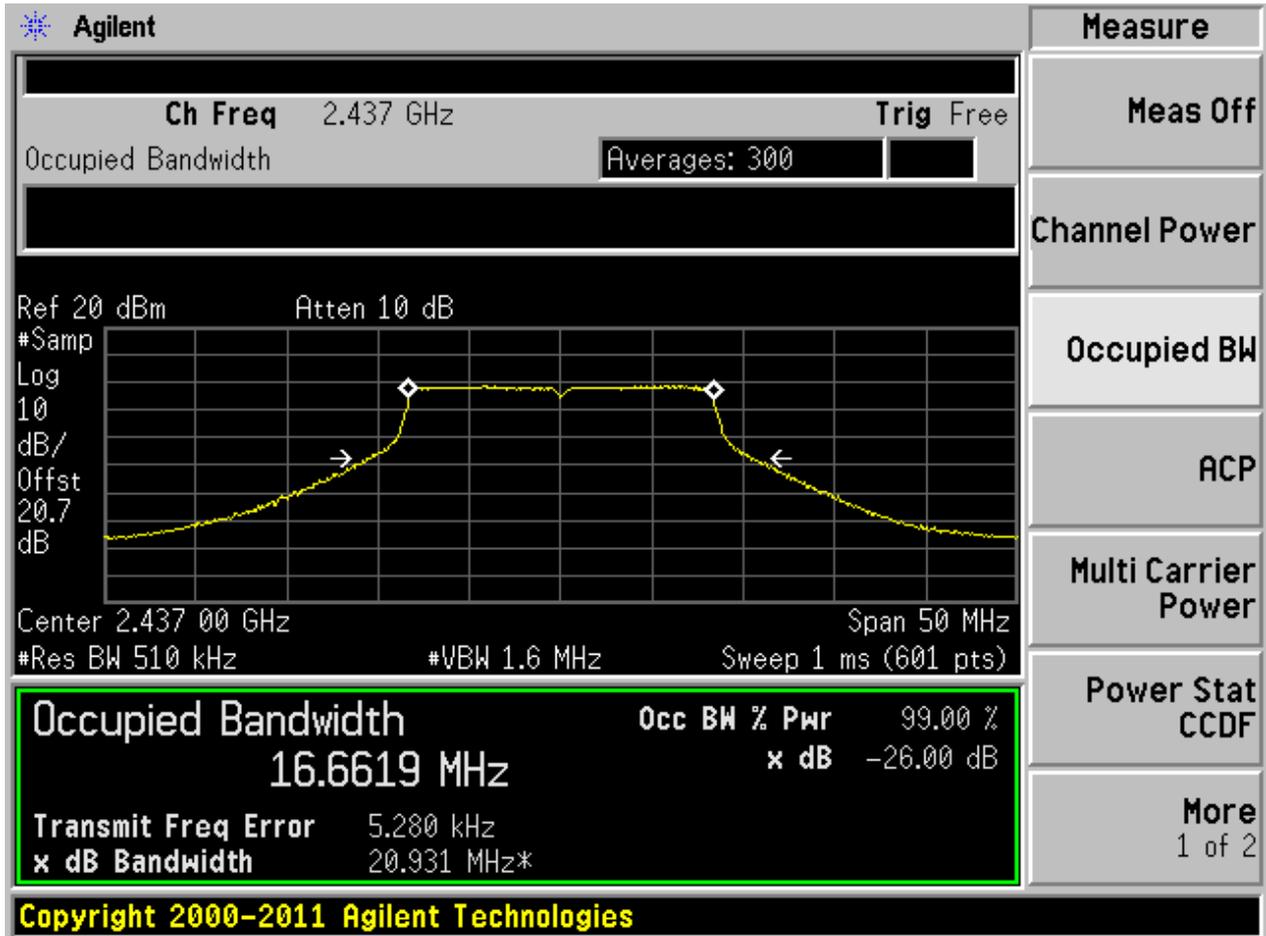


2.13.2 Ant 2

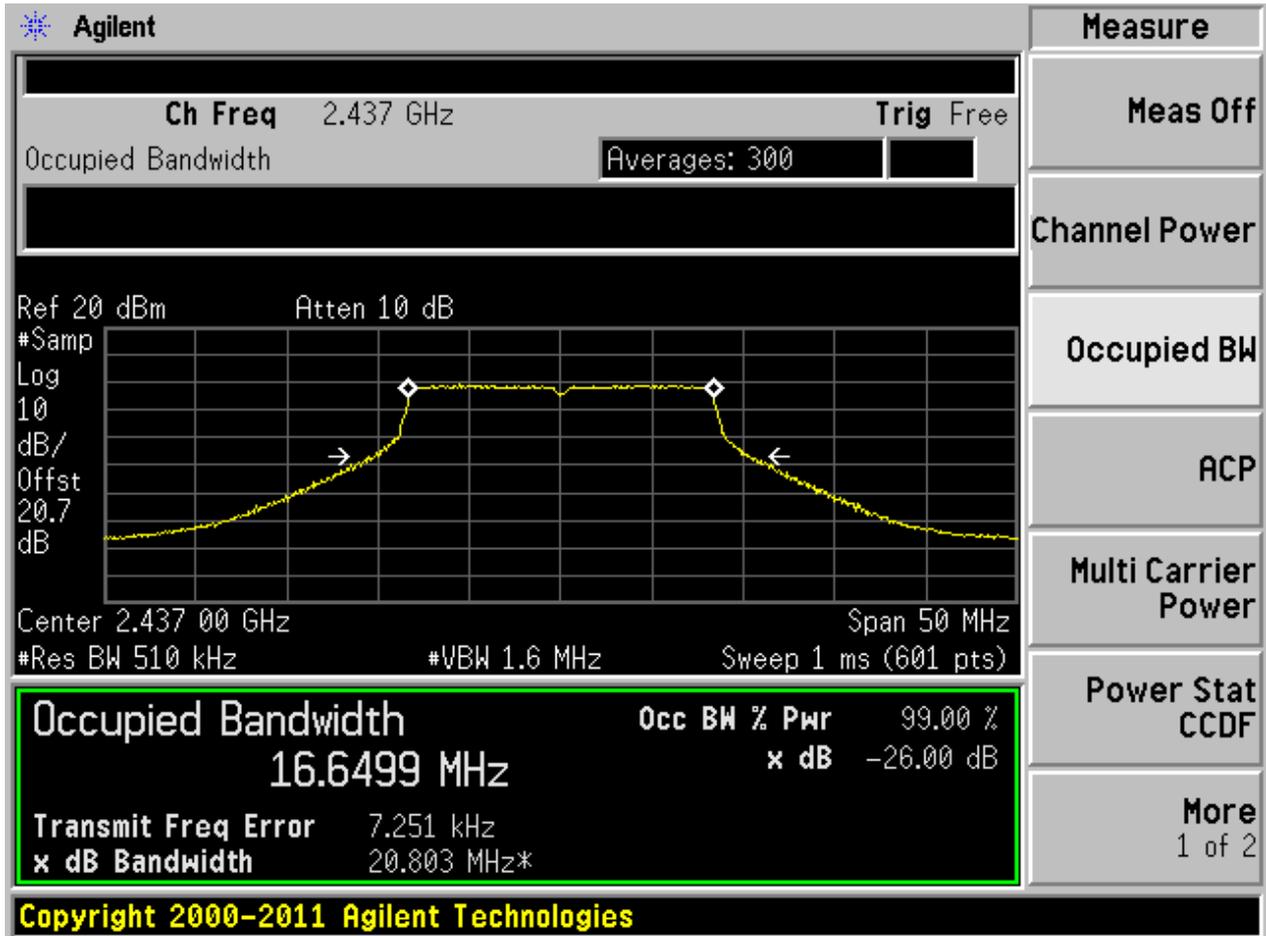


2.1411Gd/6_M@1+2

2.14.1 Ant 1

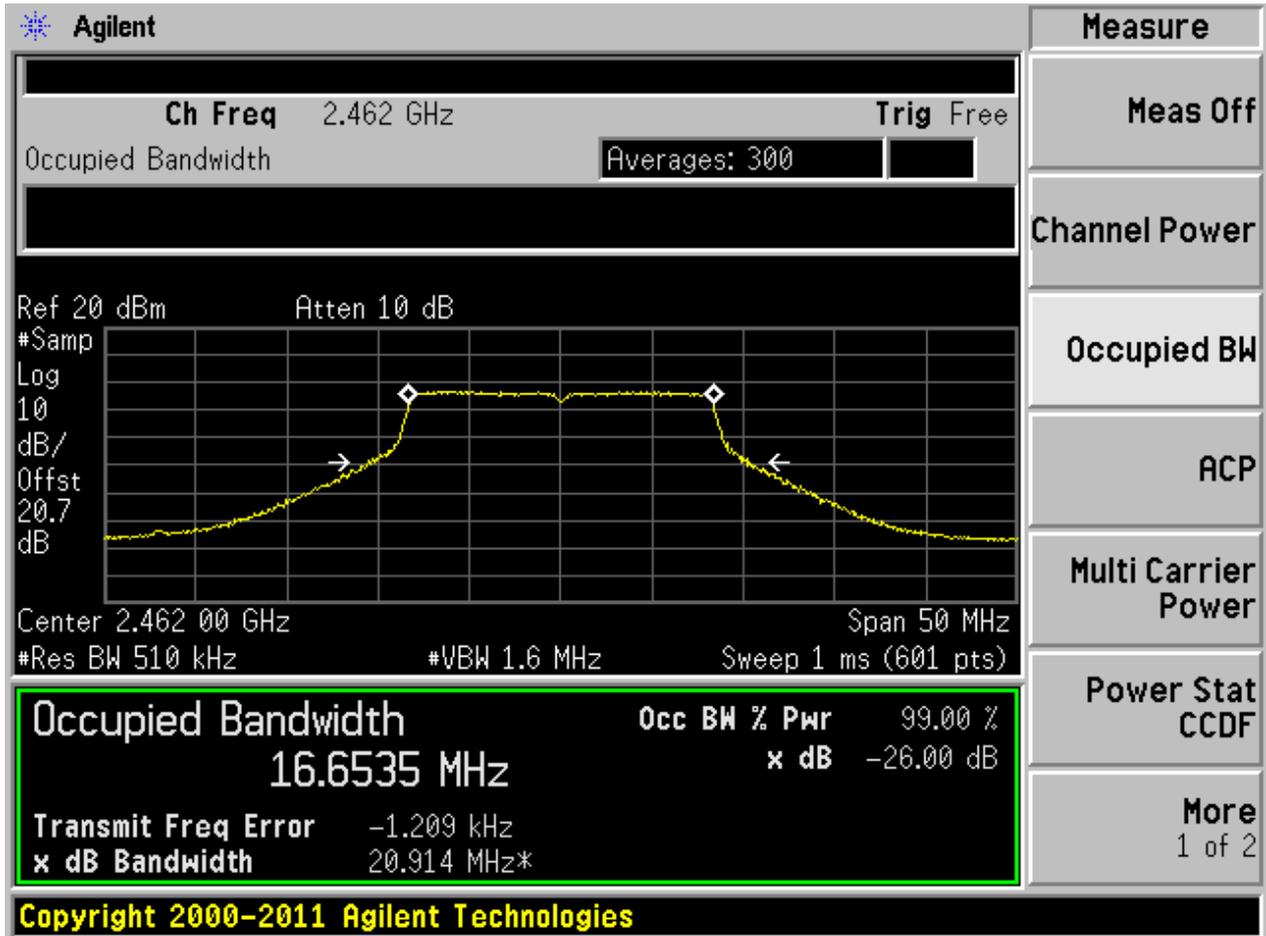


2.14.2 Ant 2

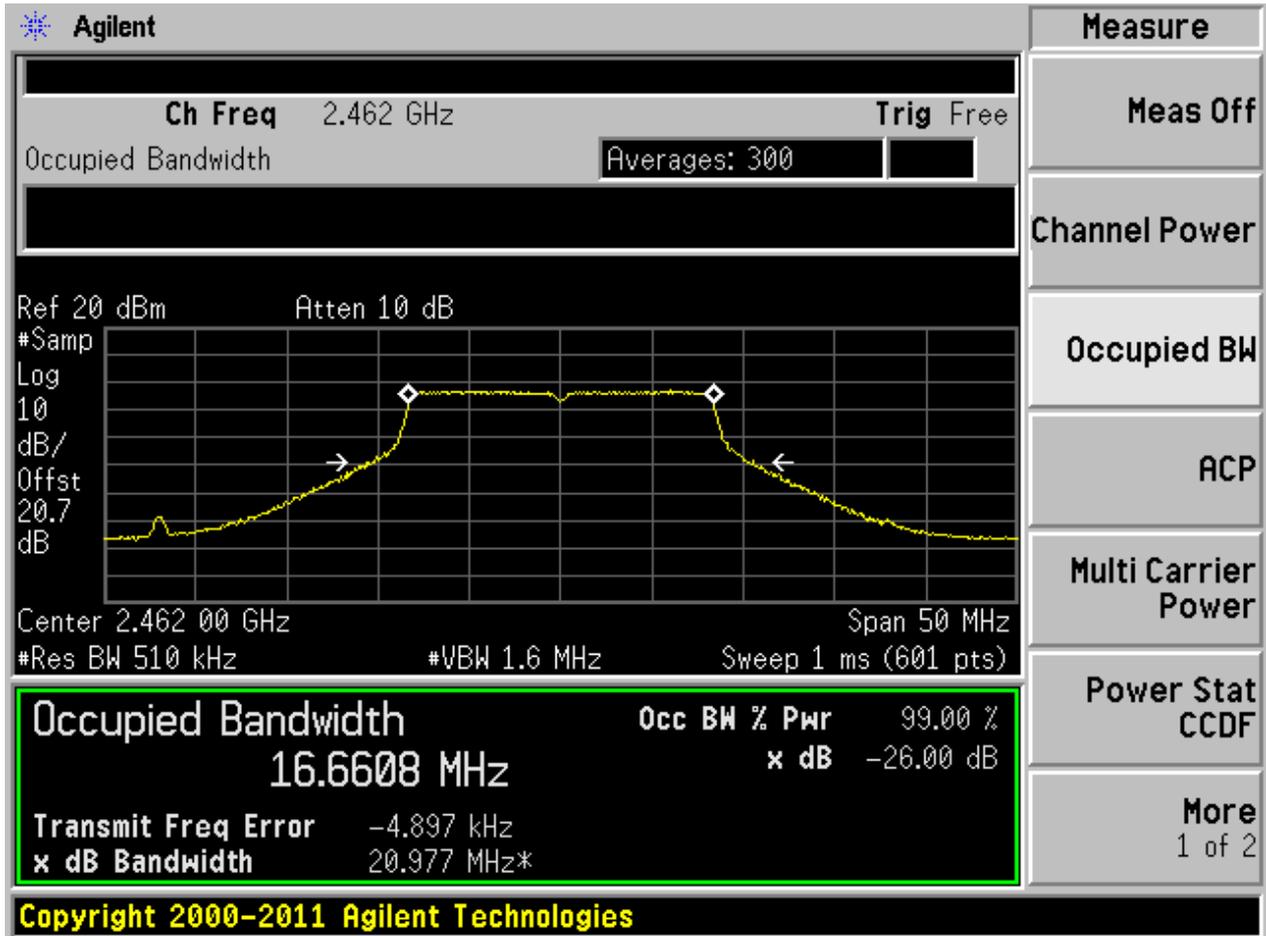


2.1511Gd/6_T@1+2

2.15.1 Ant 1

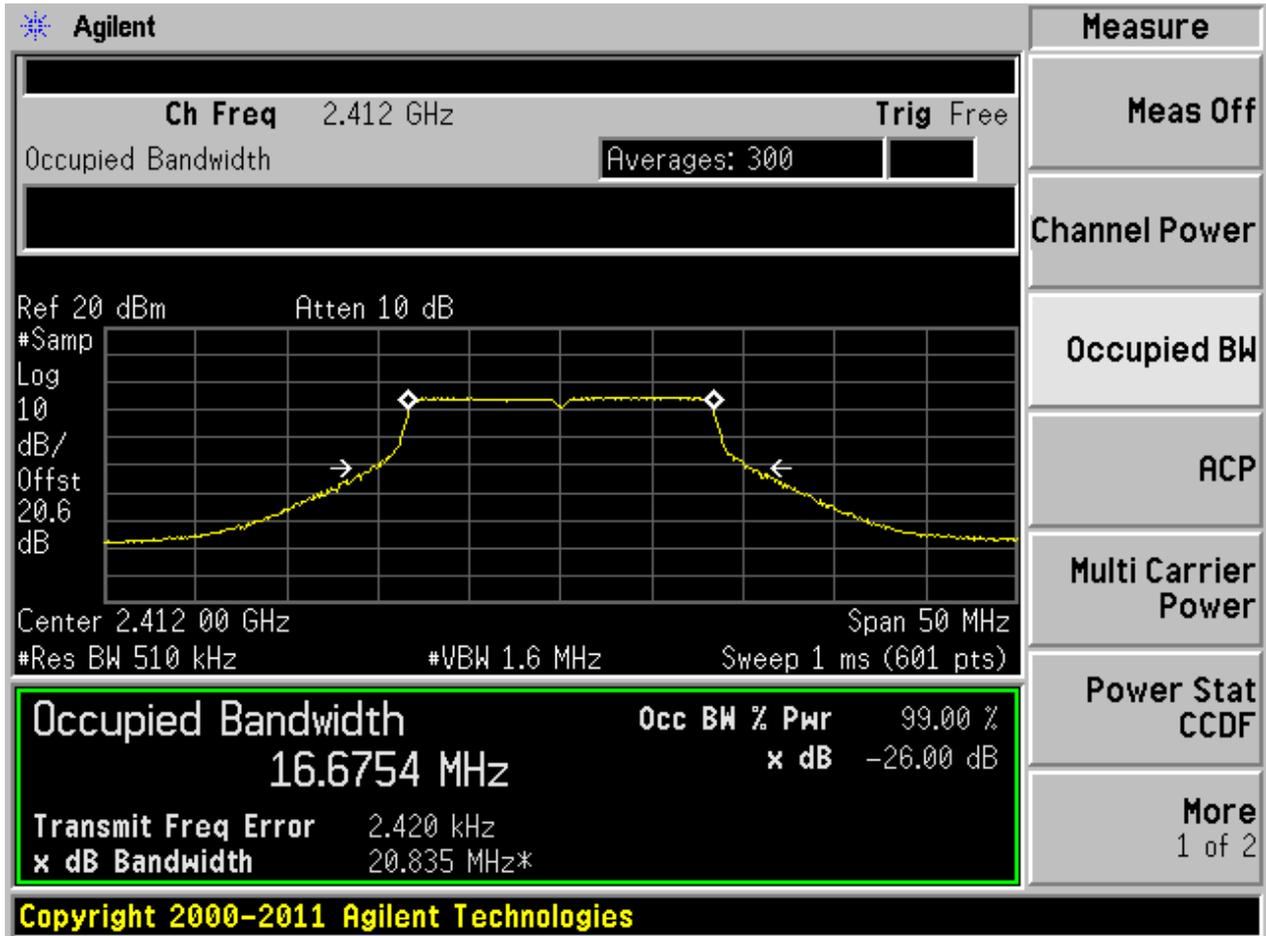


2.15.2 Ant 2

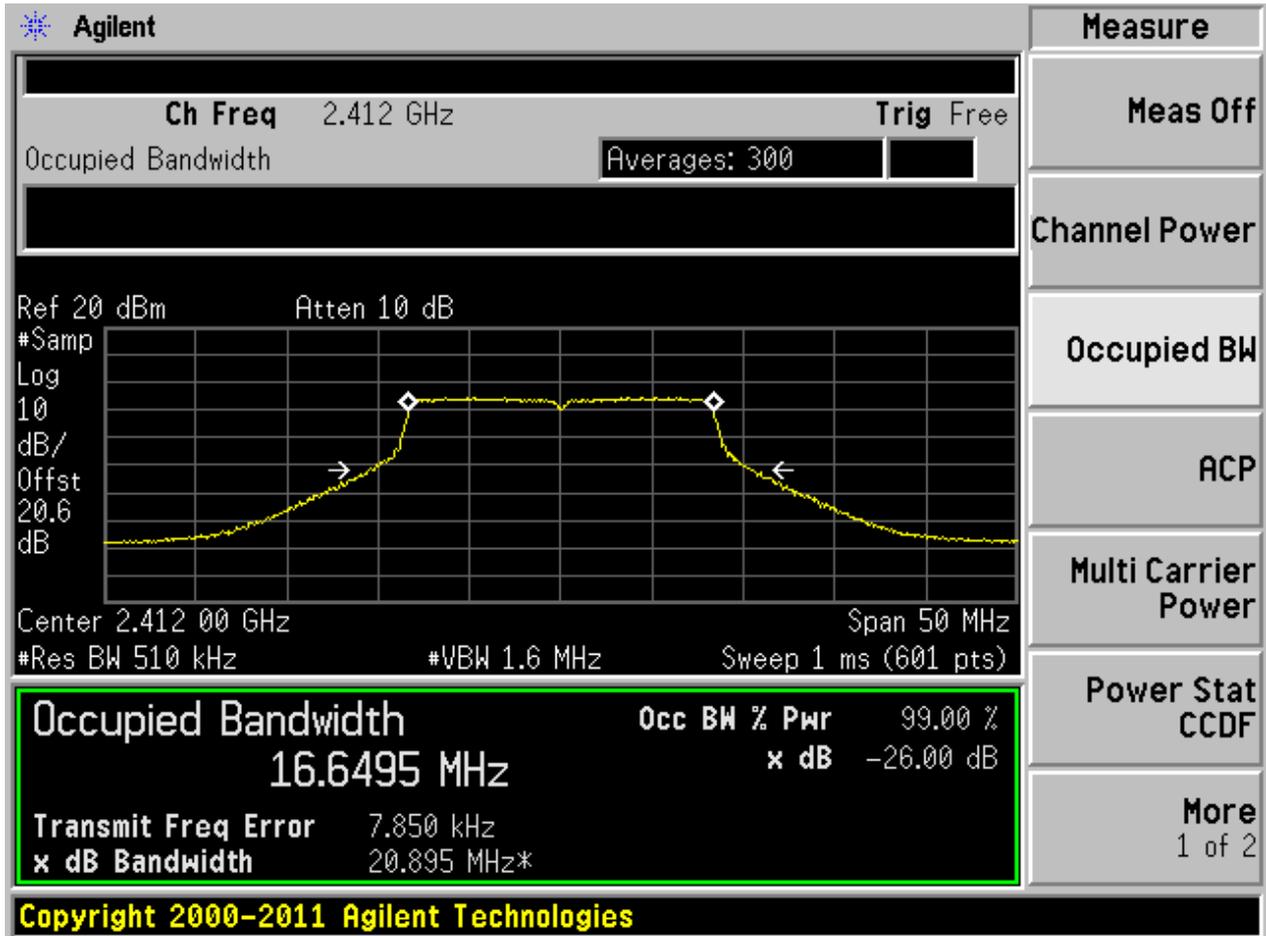


2.1611Gd/6_B@1+2+3

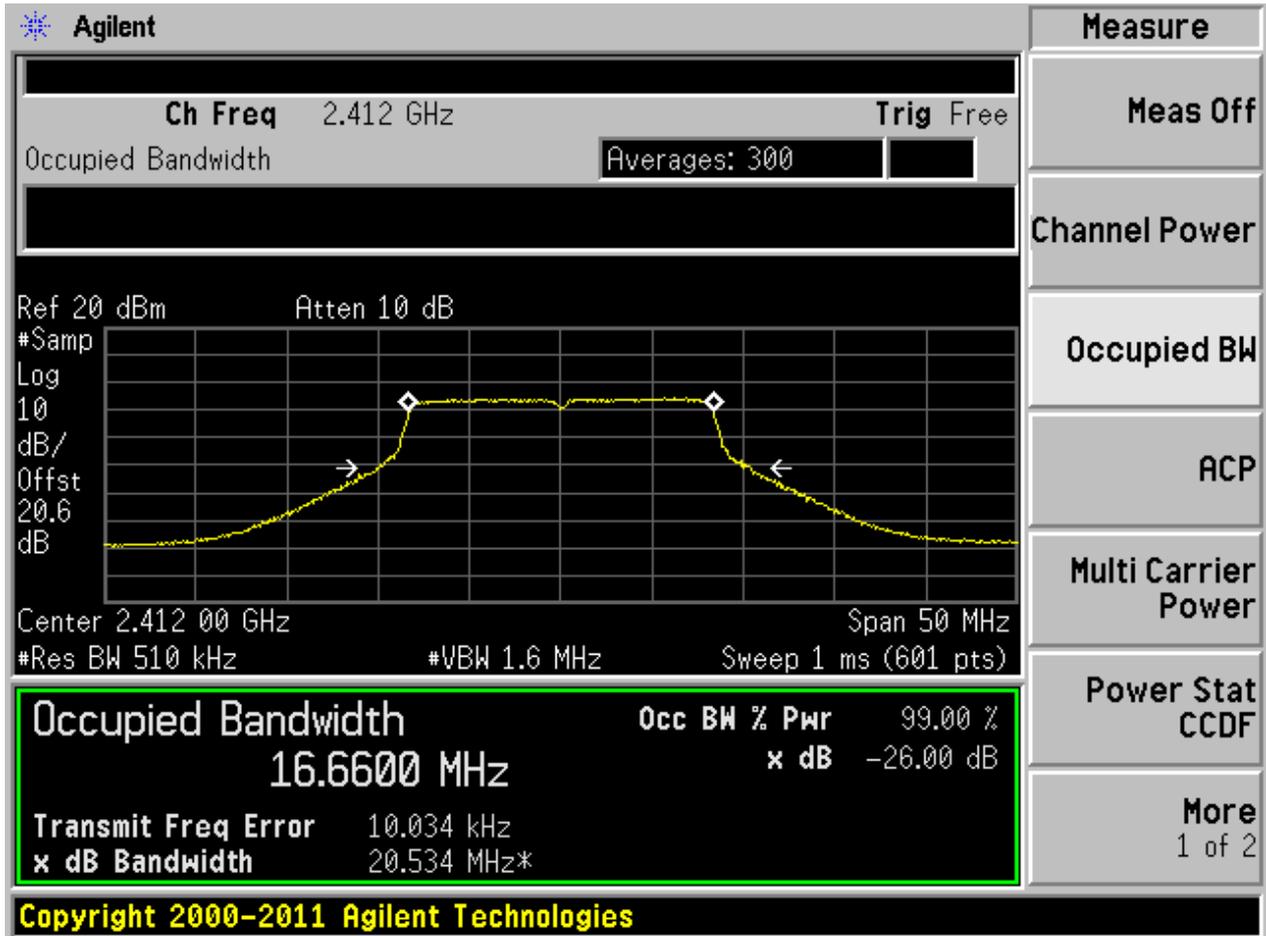
2.16.1 Ant 1



2.16.2 Ant 2

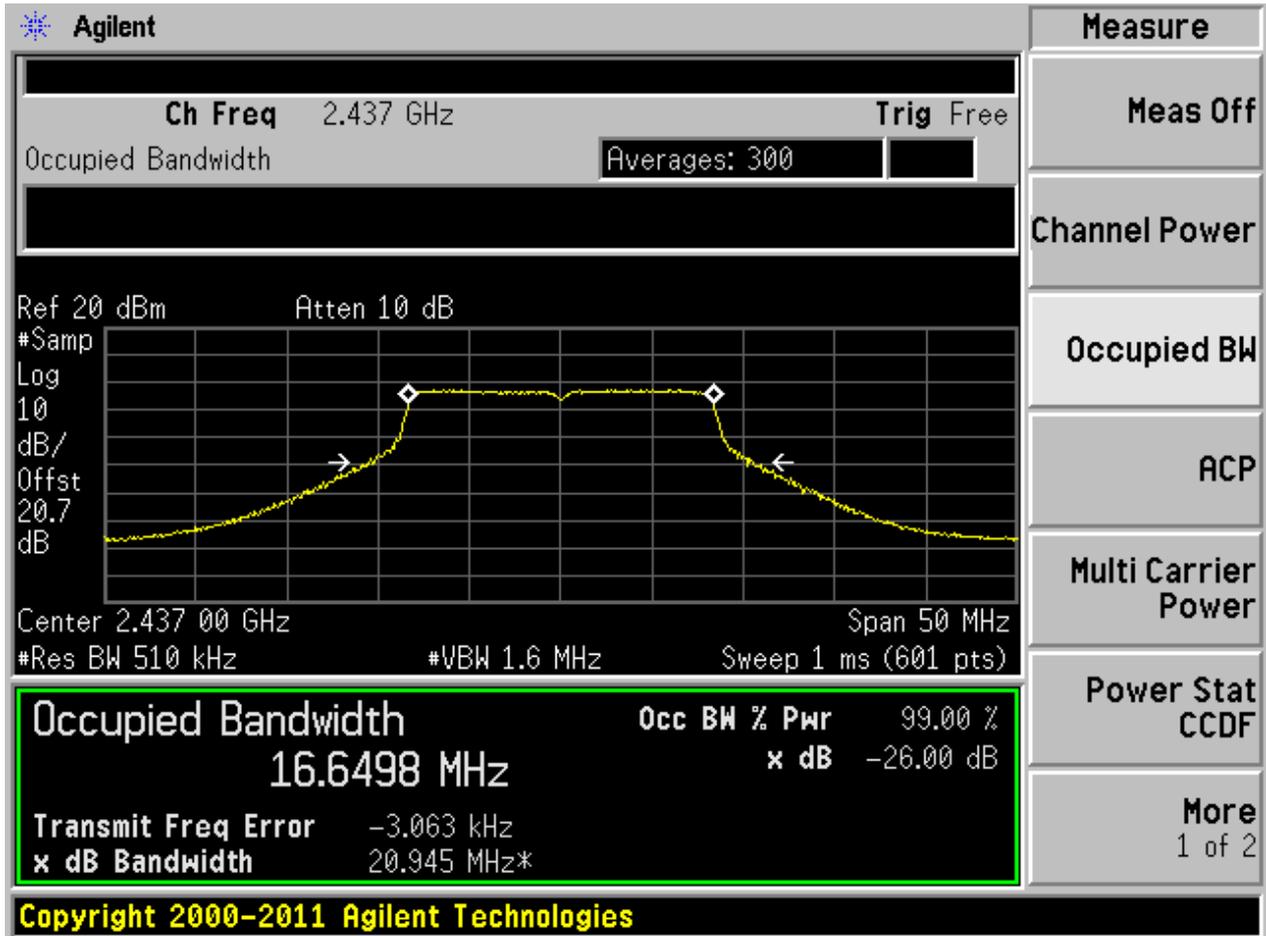


2.16.3 Ant 3

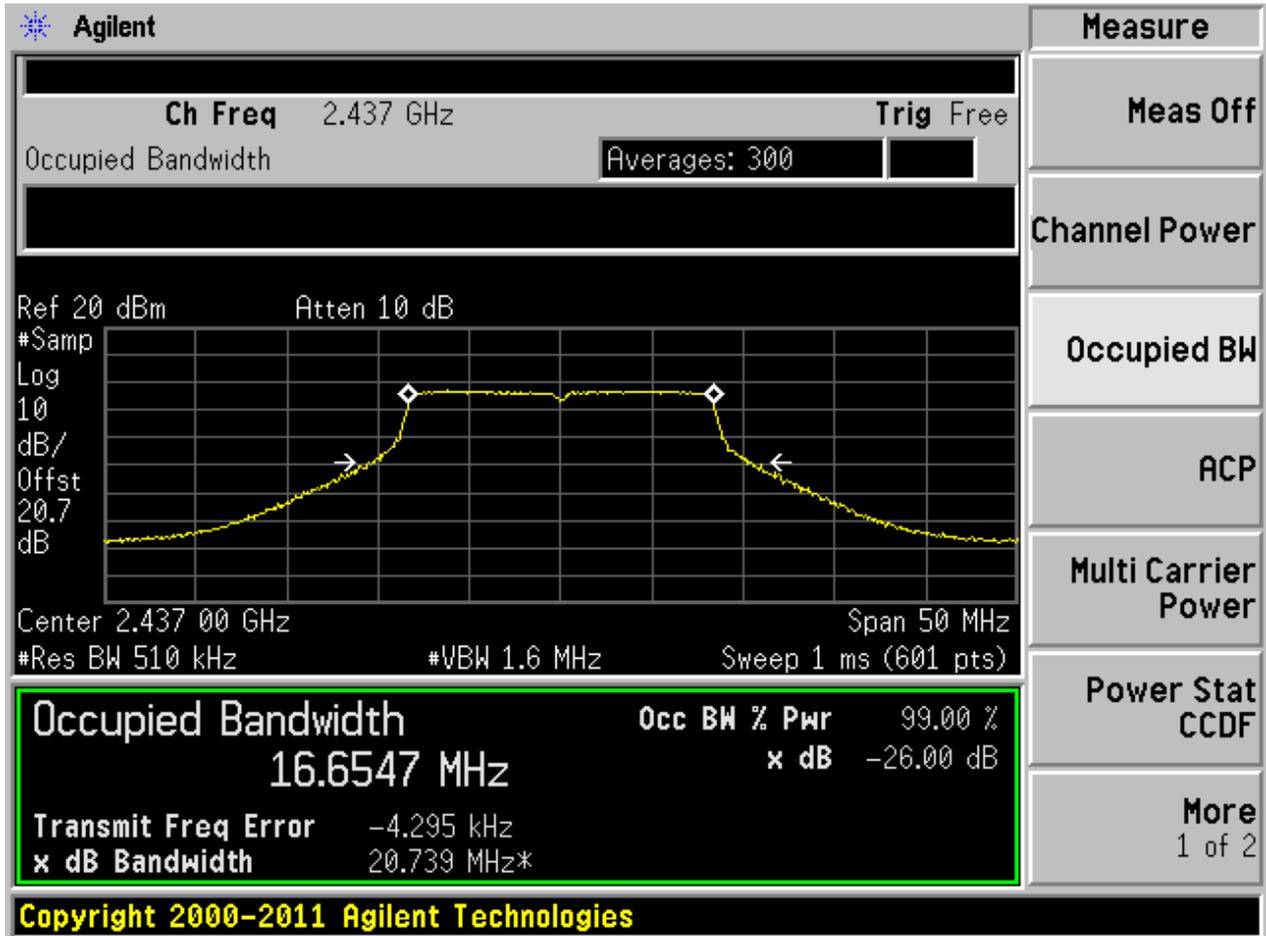


2.1711Gd/6_M@1+2+3

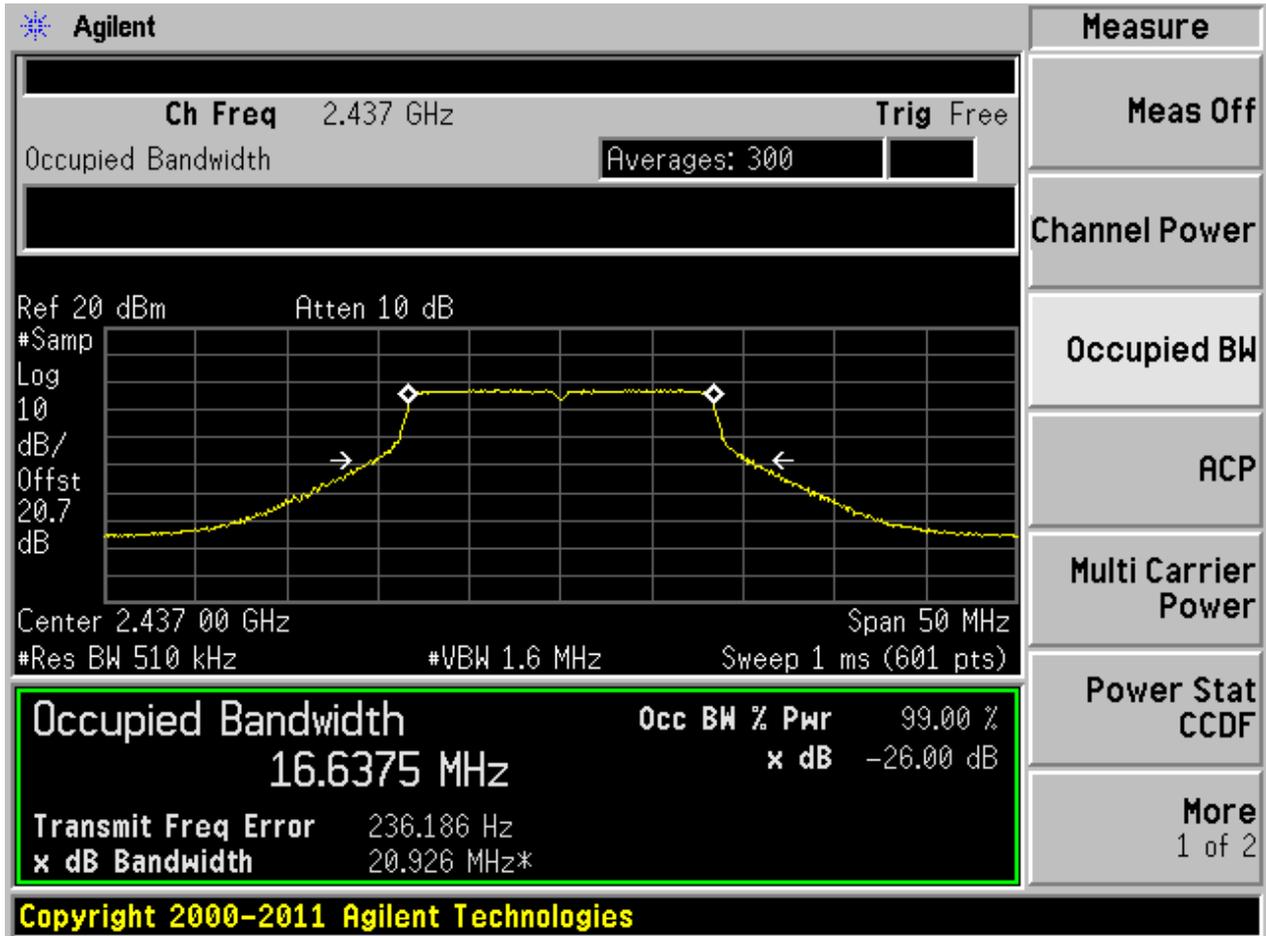
2.17.1 Ant 1



2.17.2 Ant 2

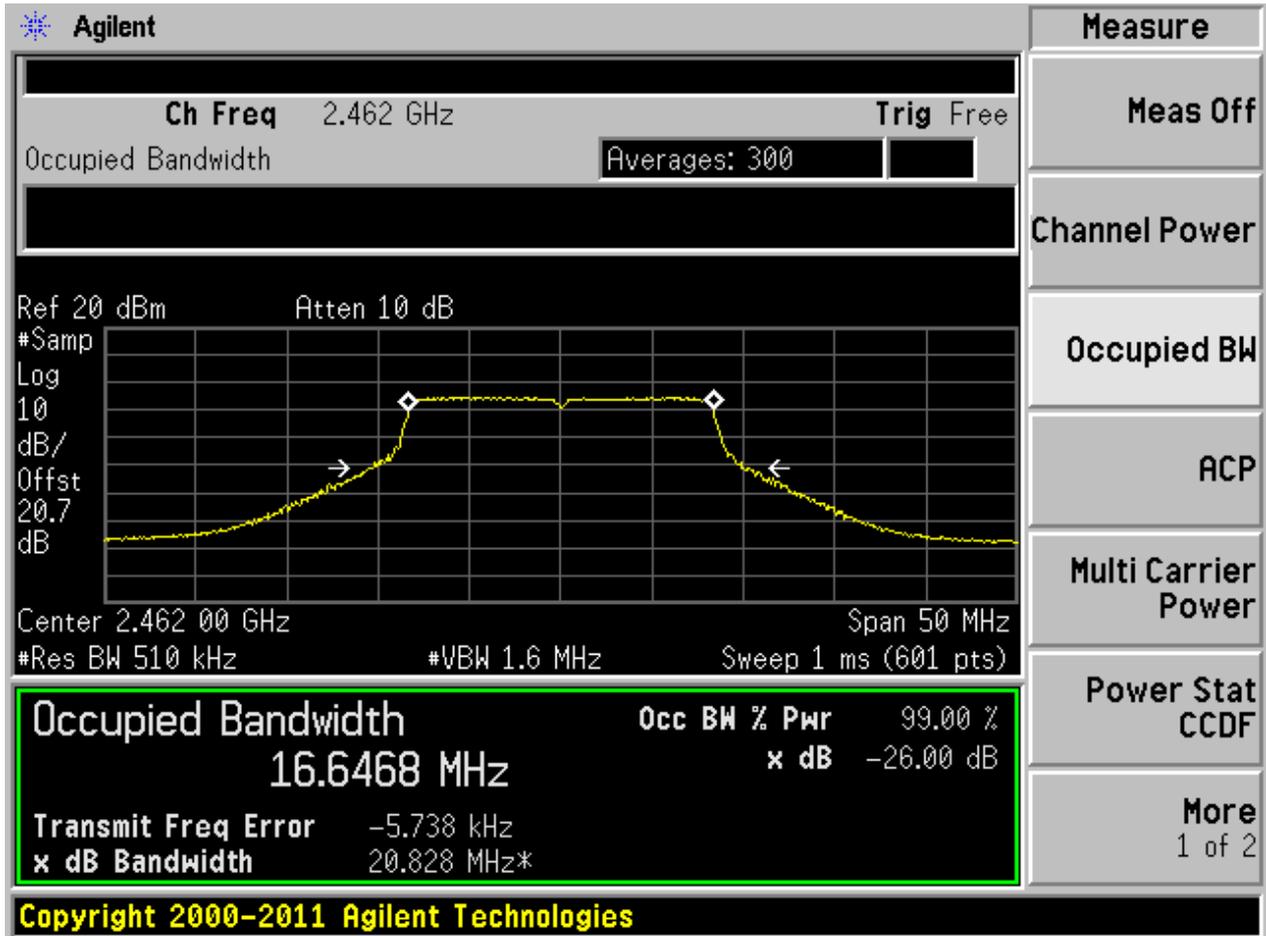


2.17.3 Ant 3

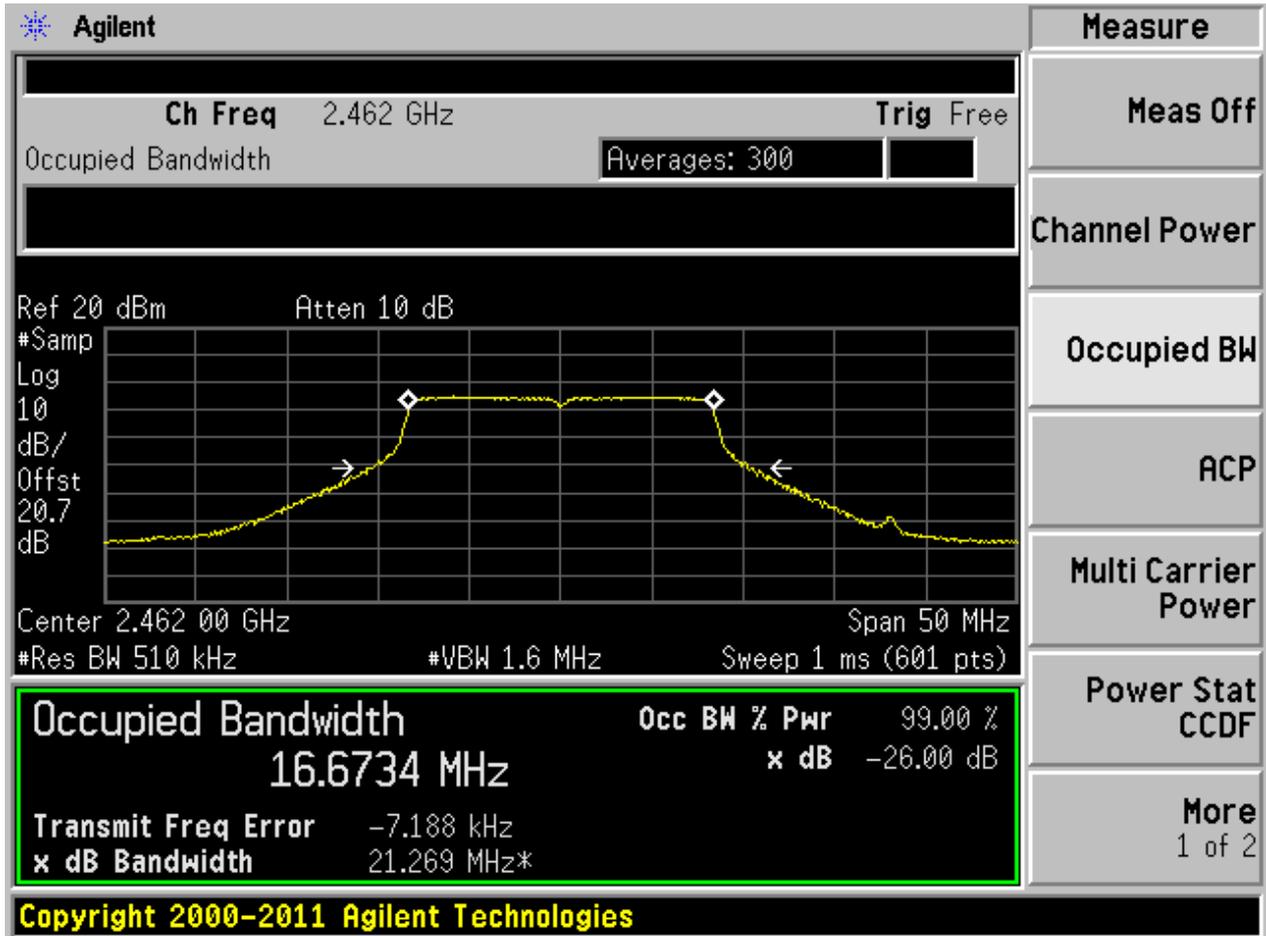


2.1811Gd/6_T@1+2+3

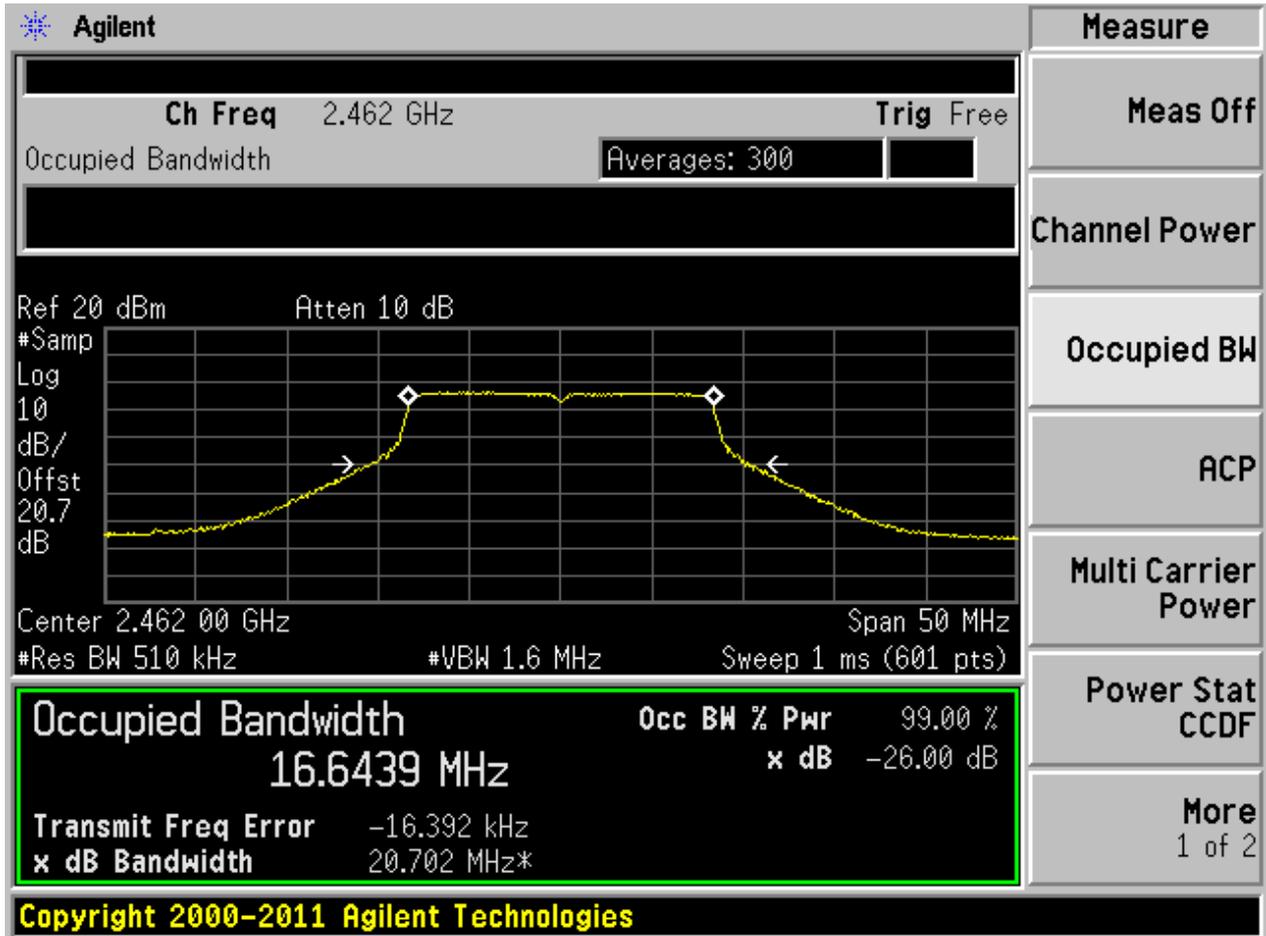
2.18.1 Ant 1



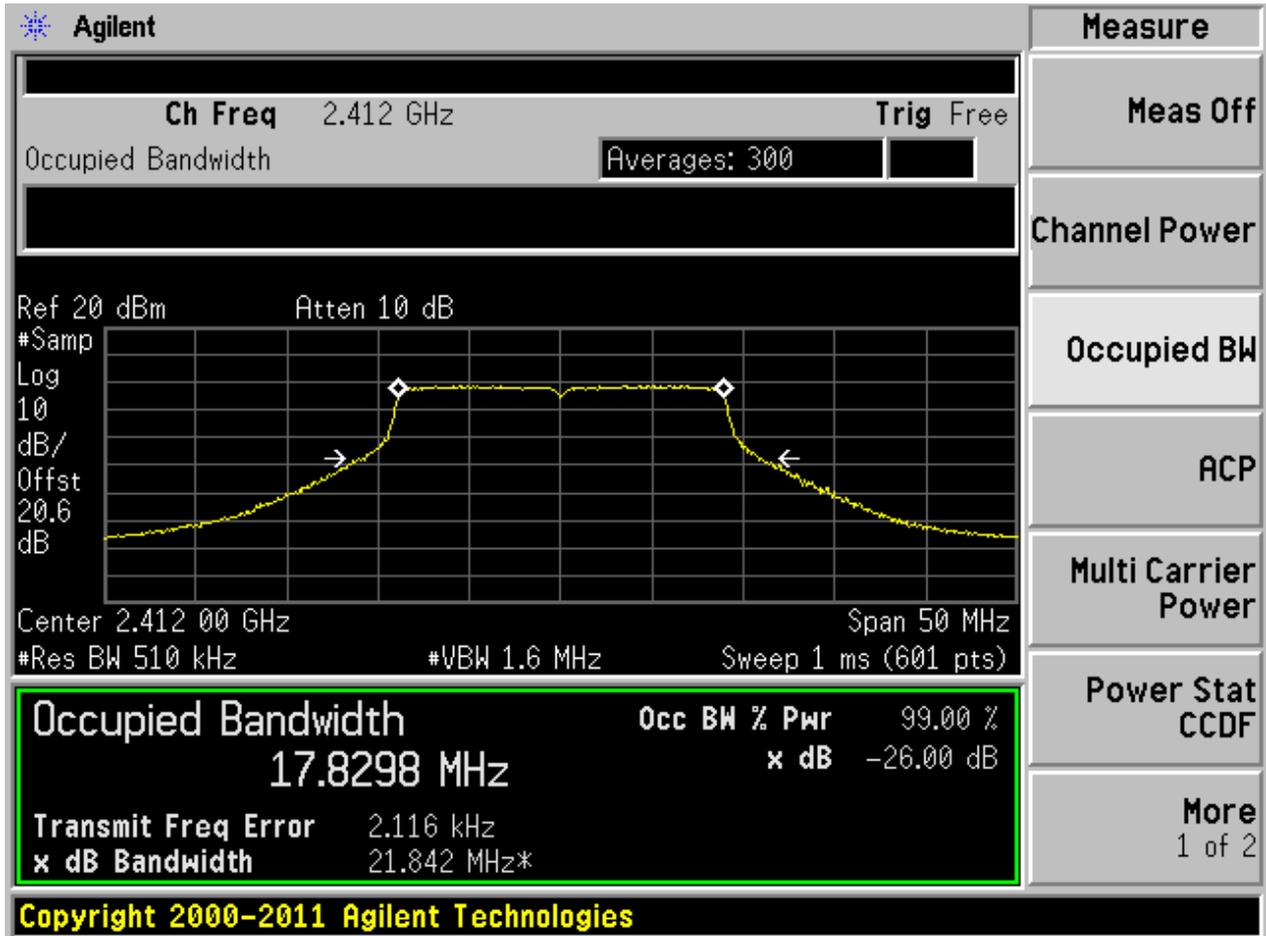
2.18.2 Ant 2



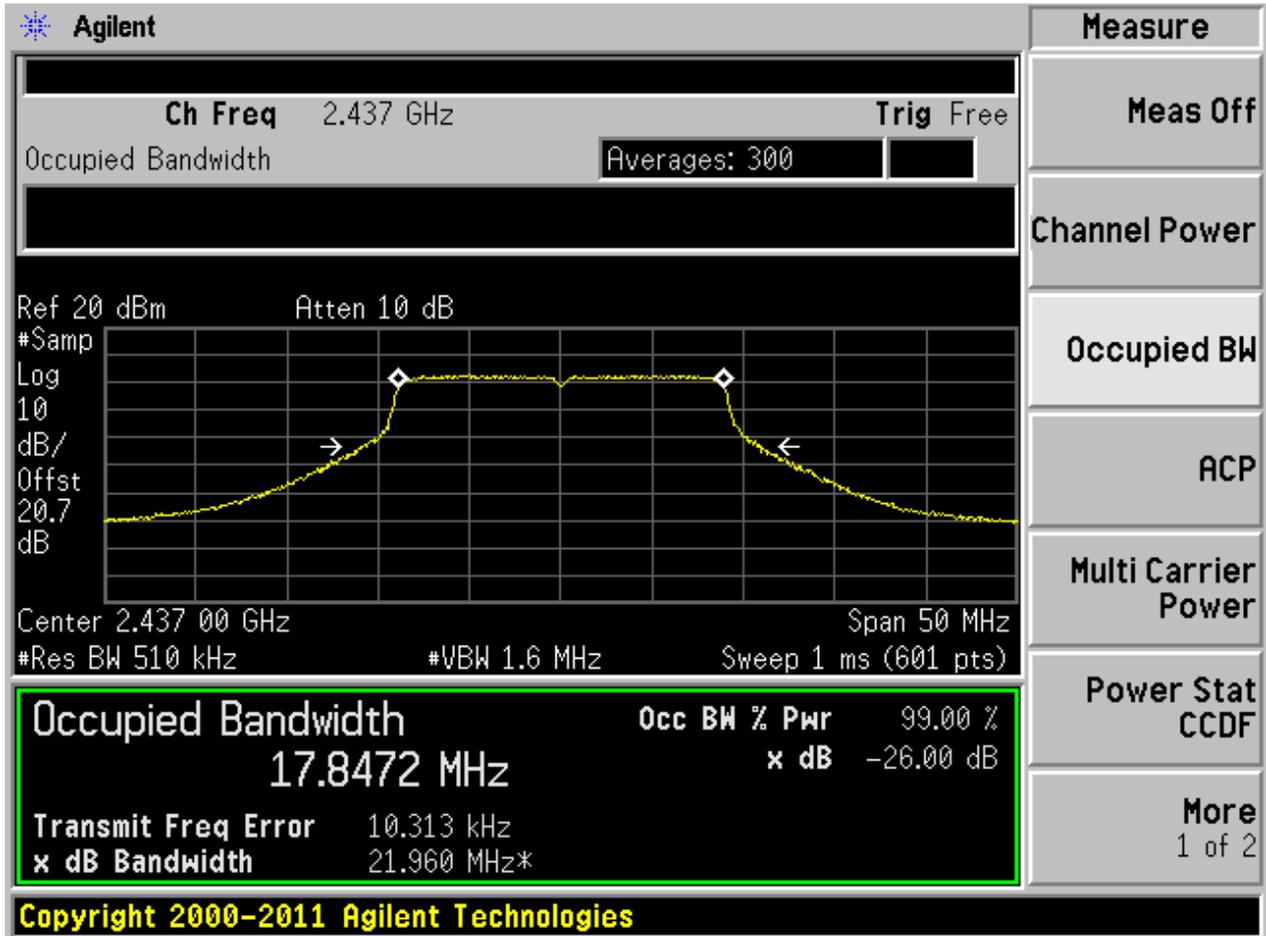
2.18.3 Ant 3



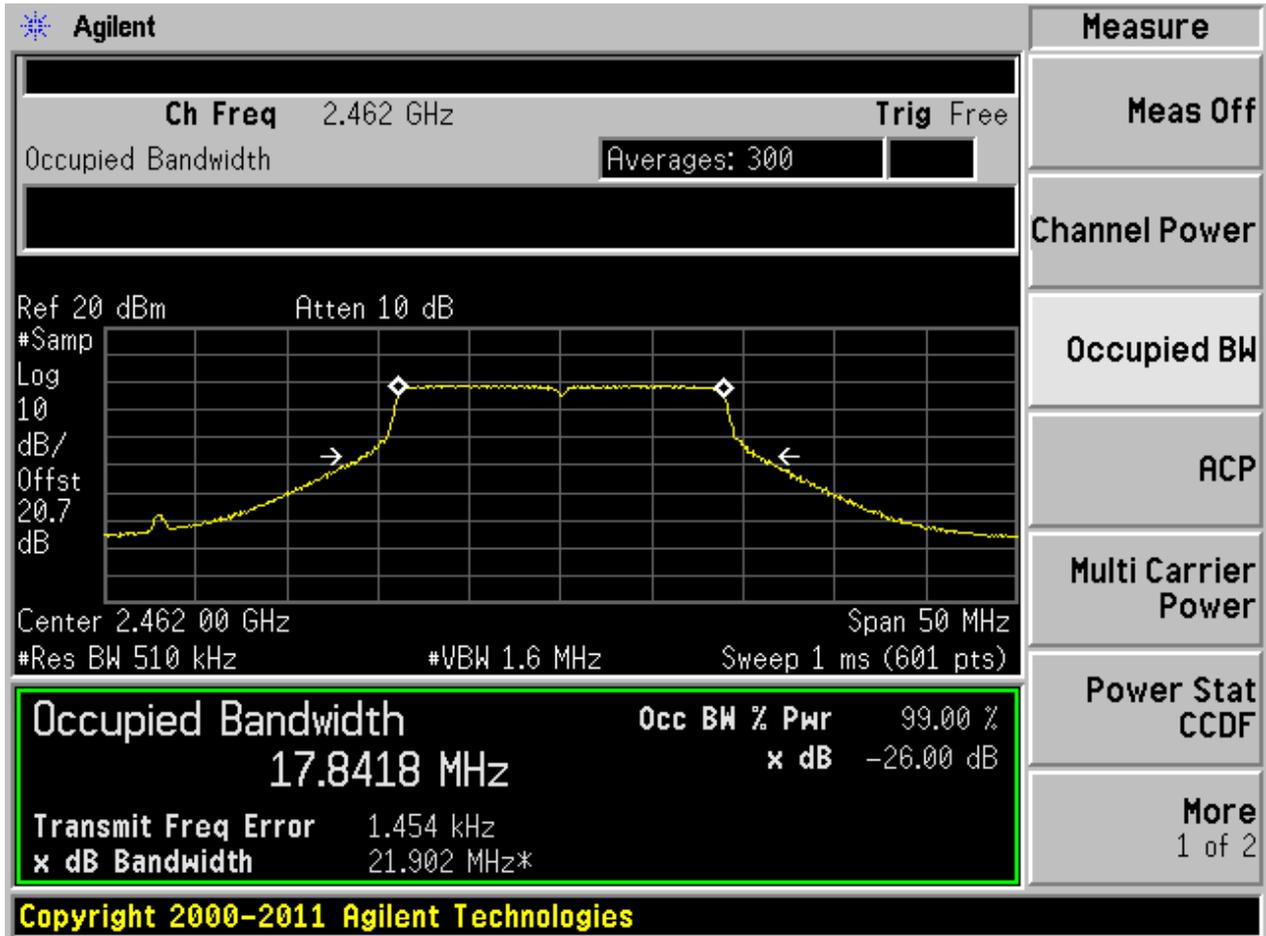
2.1911N20/0_B@2



2.2011N20/0_M@2

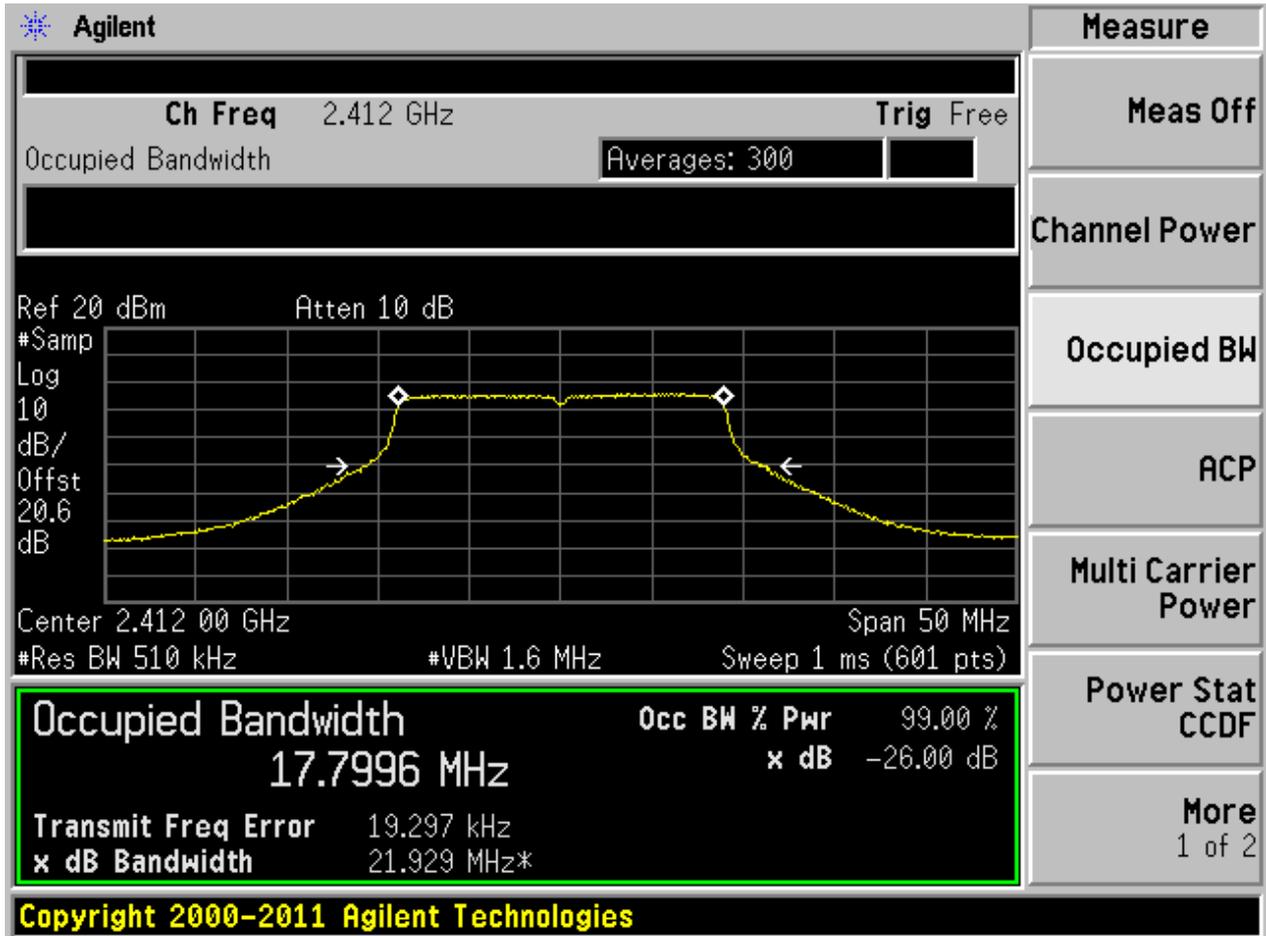


2.2111N20/0_T@2

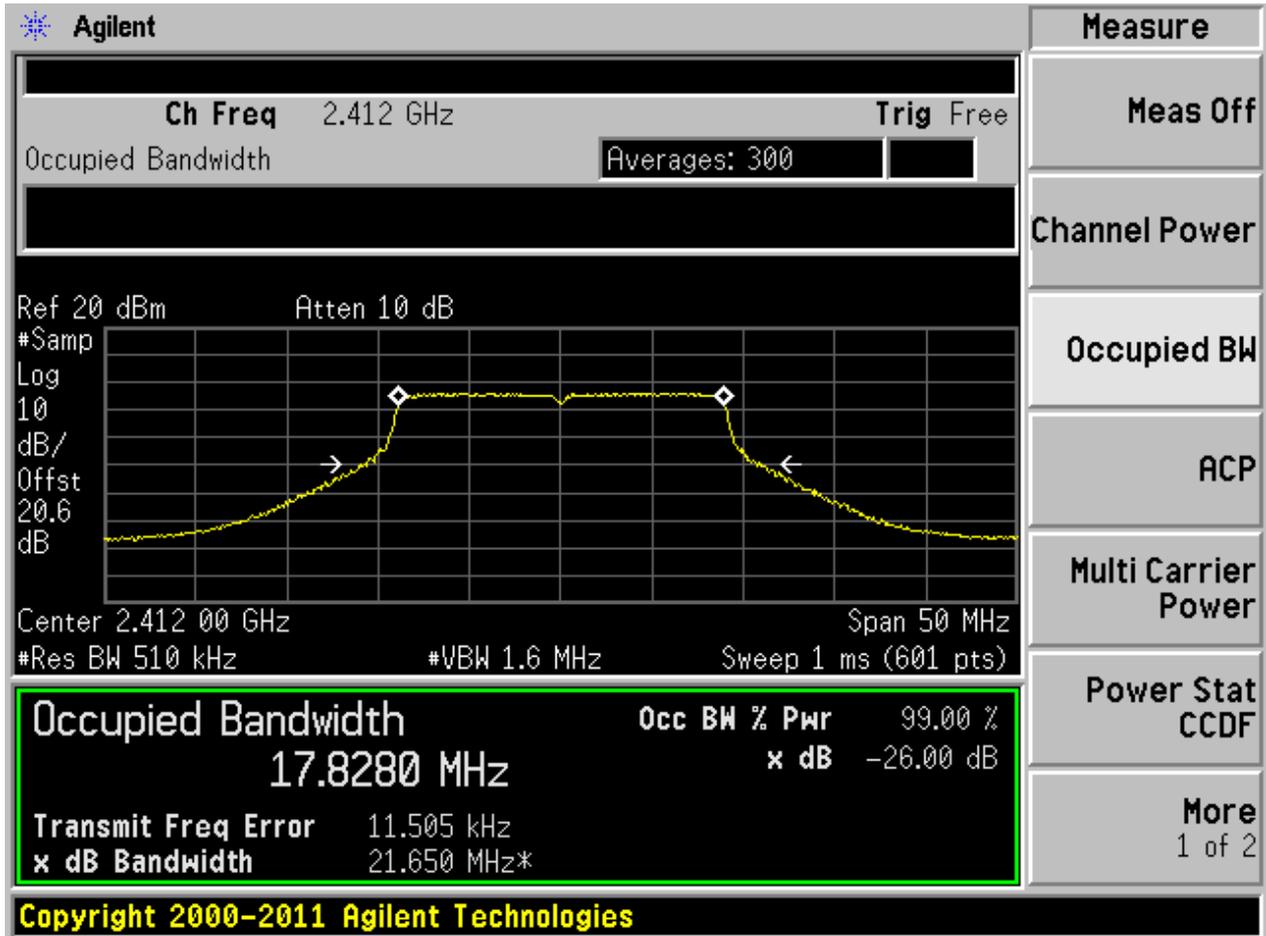


2.2211N20m/8_B@1+2

2.22.1 Ant 1

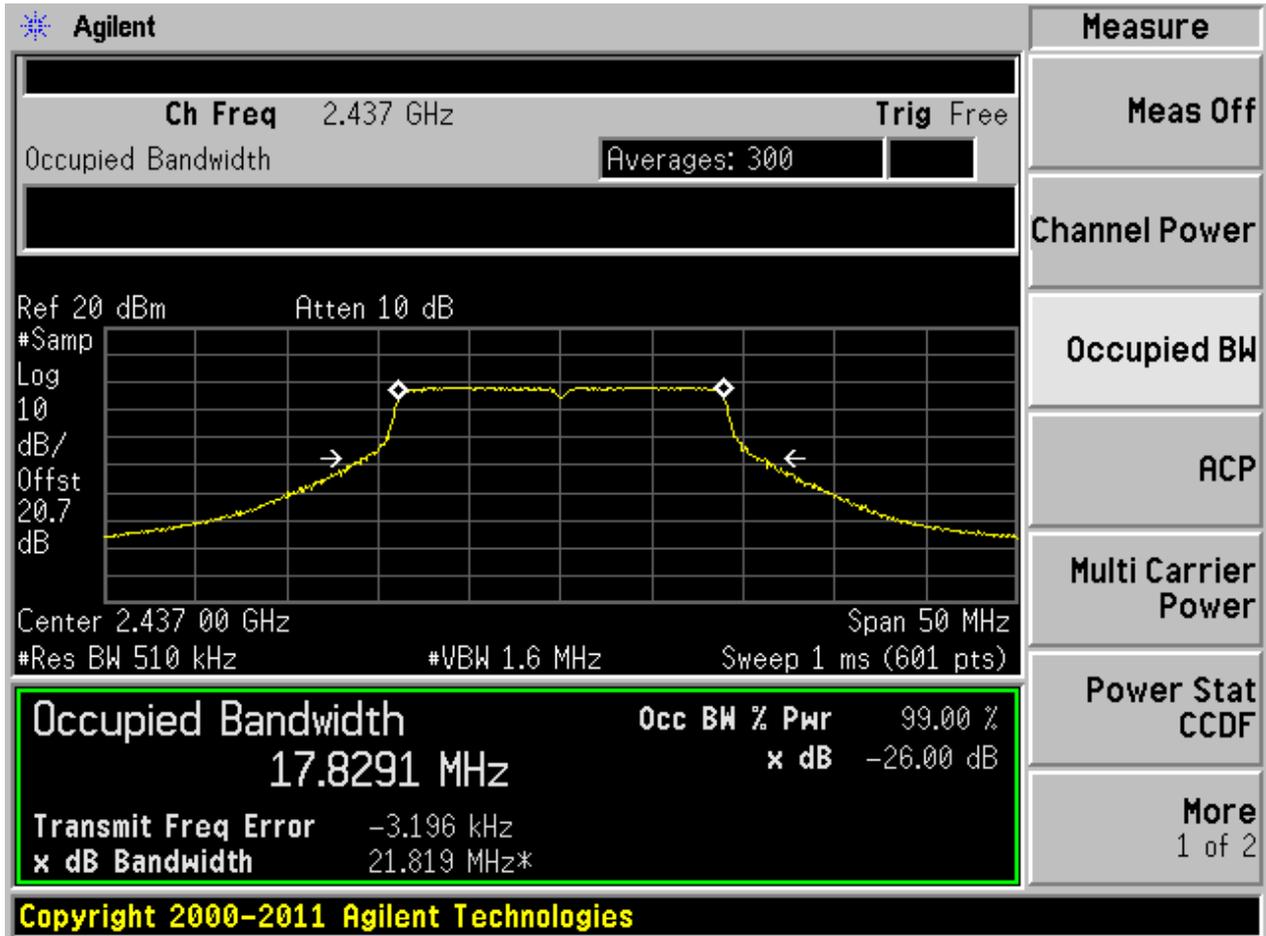


2.22.2 Ant 2

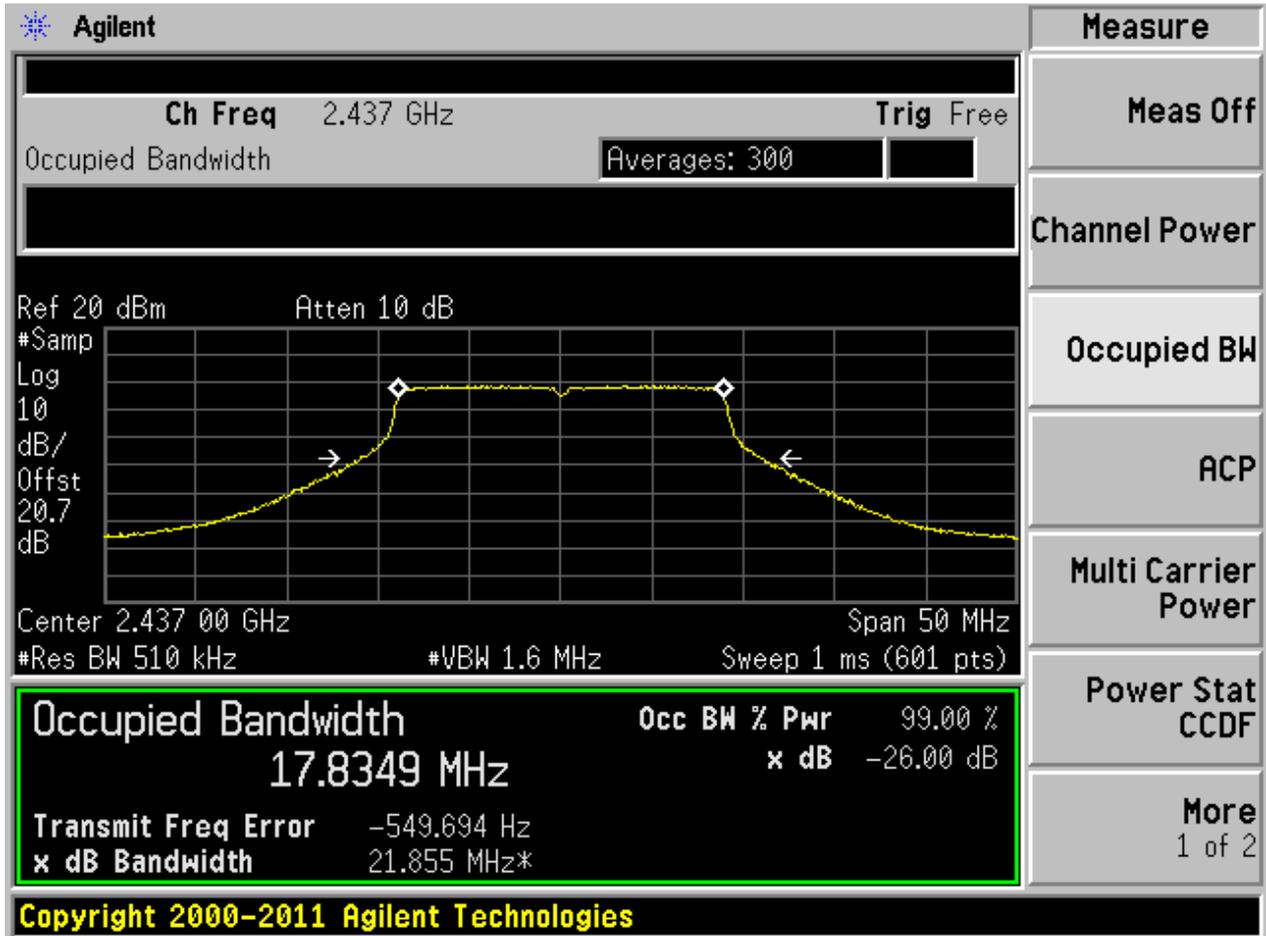


2.2311N20m/8_M@1+2

2.23.1 Ant 1

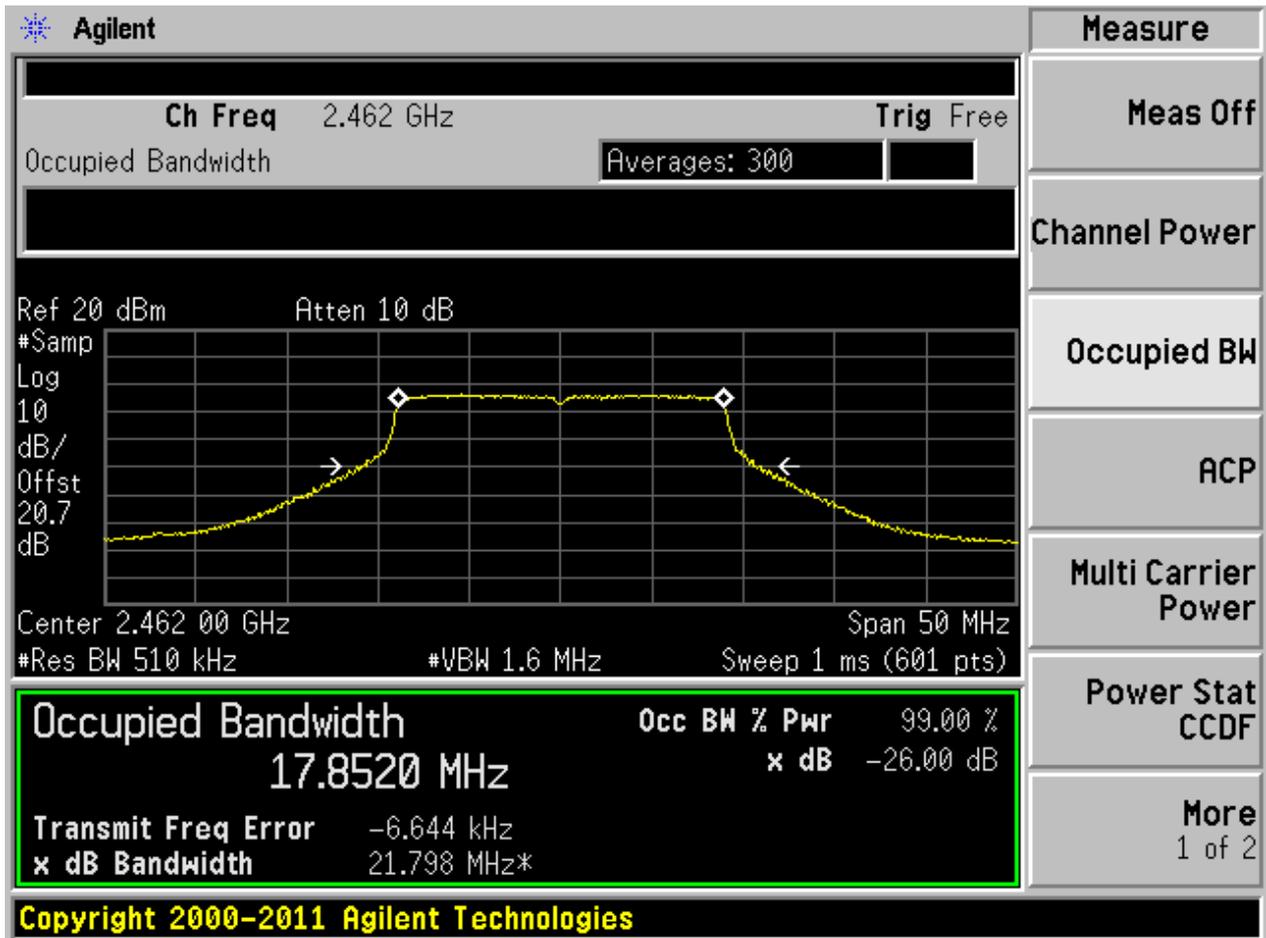


2.23.2 Ant 2

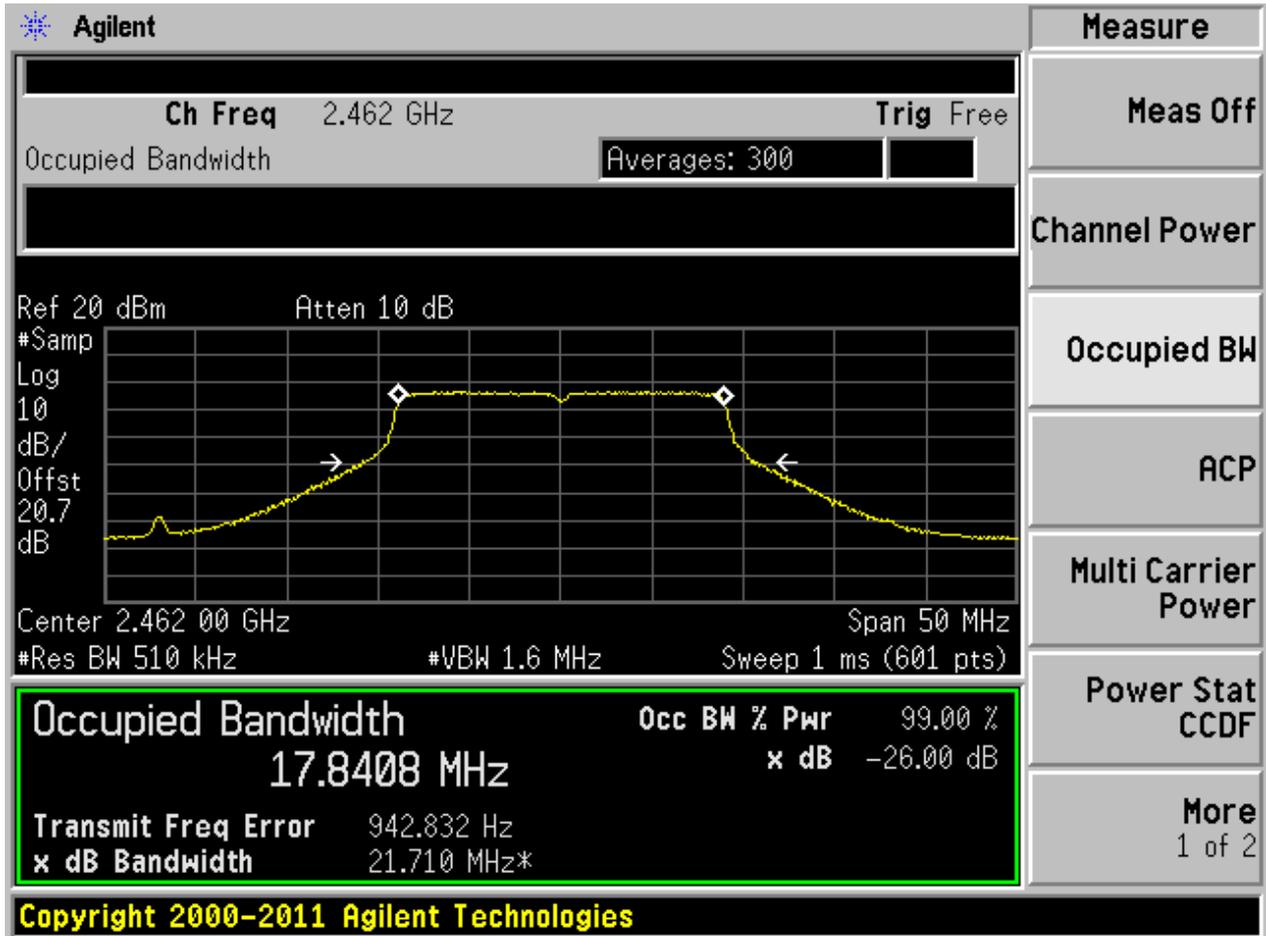


2.2411N20m/8_T@1+2

2.24.1 Ant 1

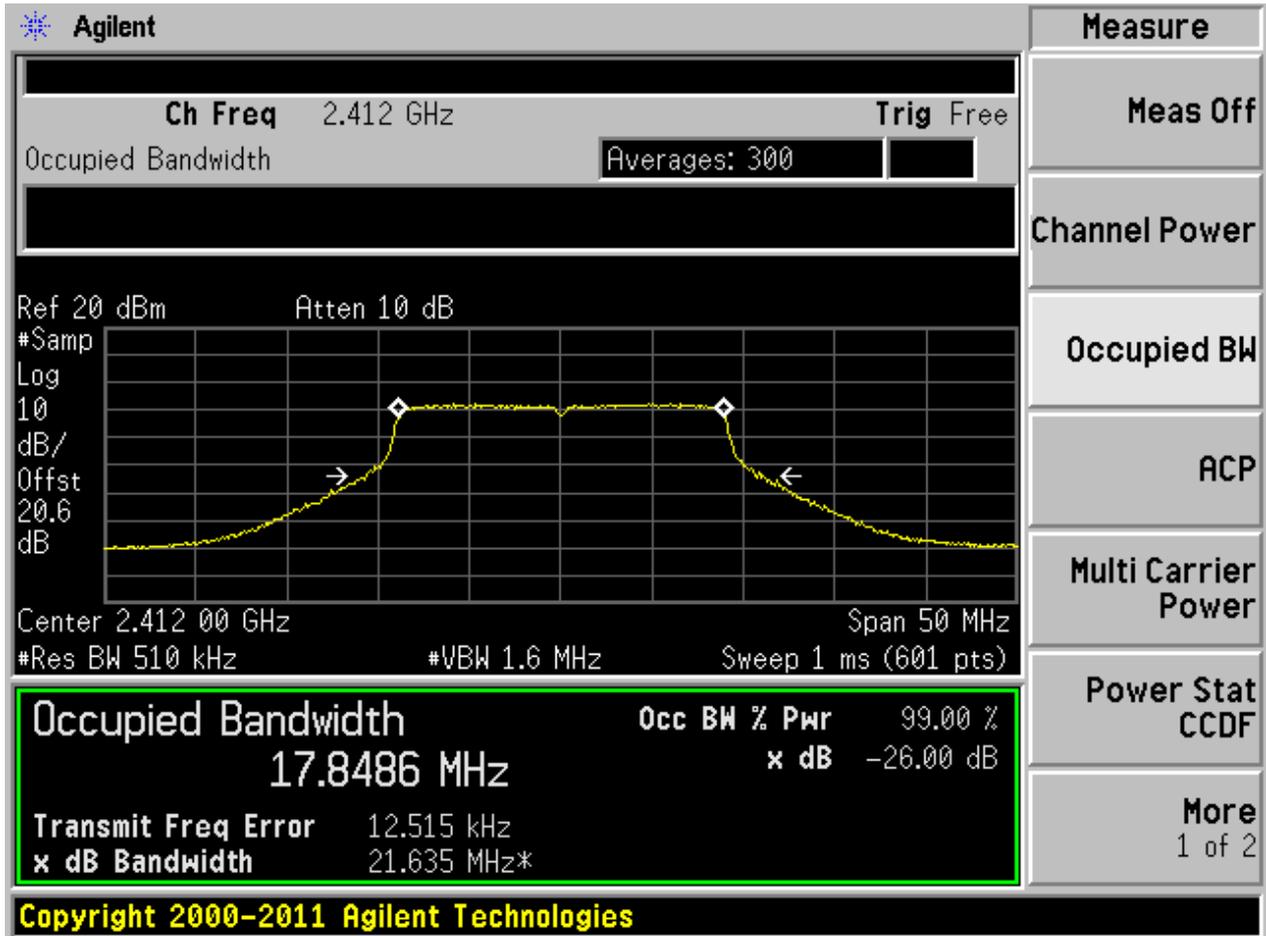


2.24.2 Ant 2

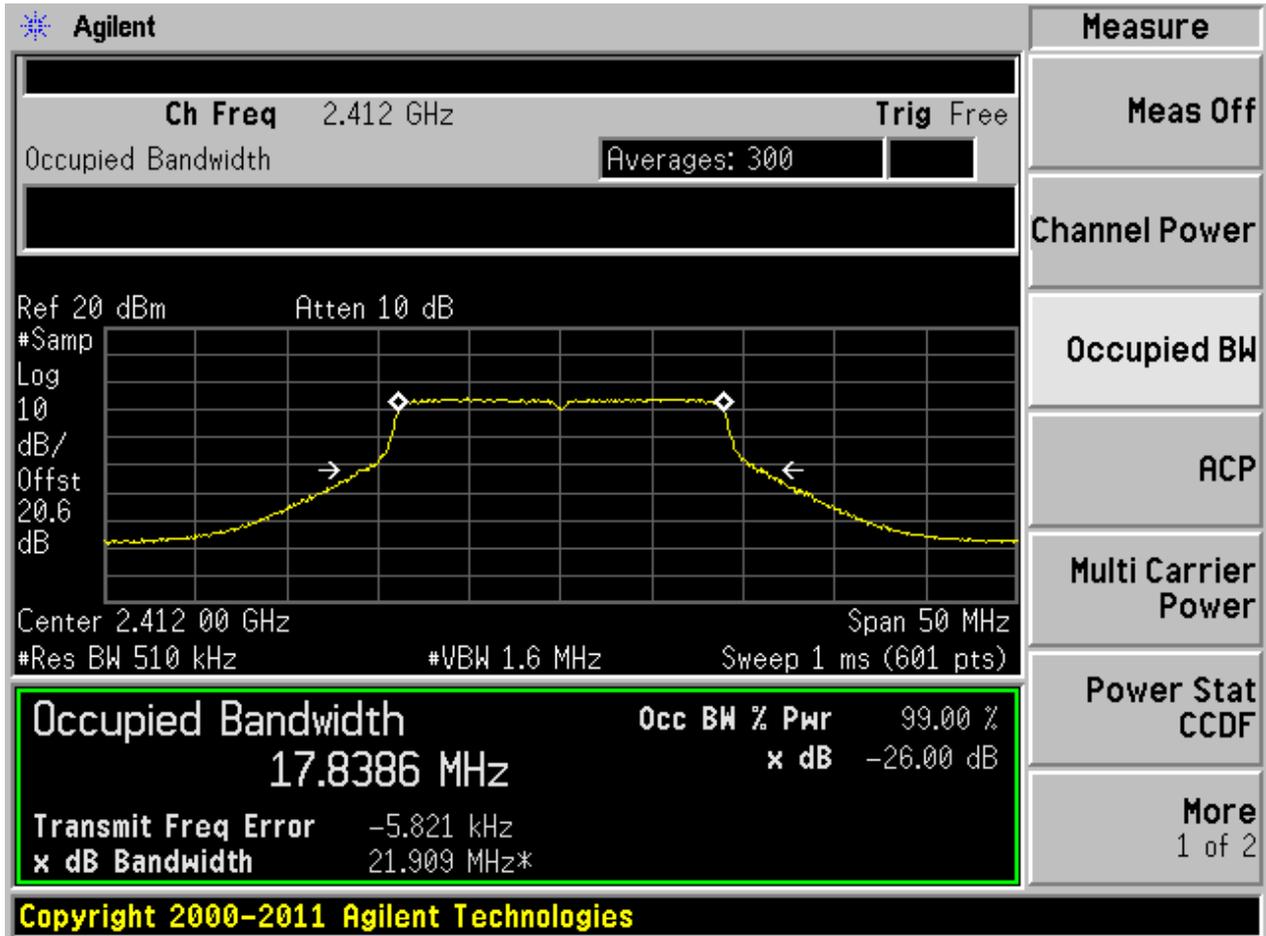


2.2511N20m/16_B@1+2+3

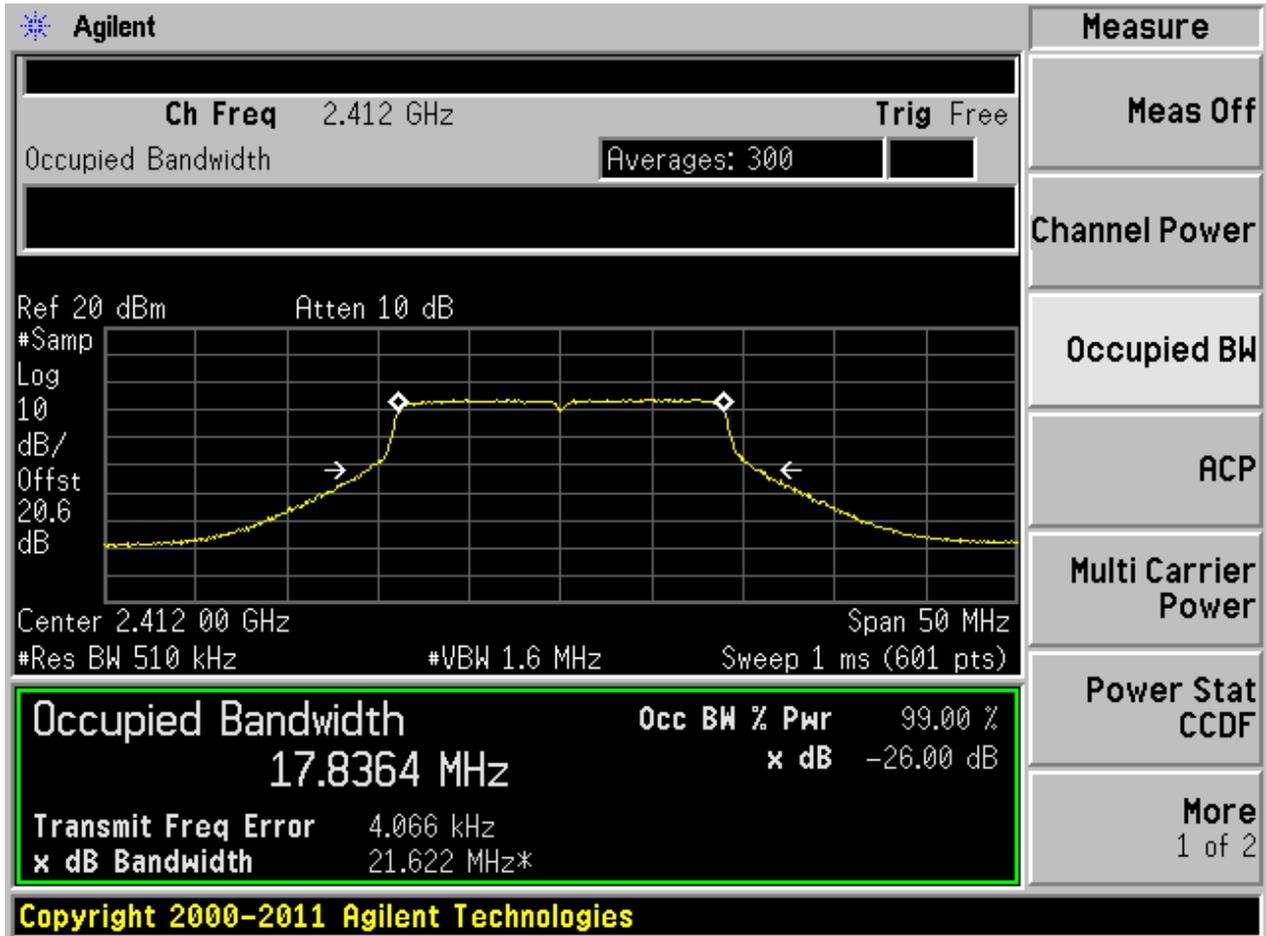
2.25.1 Ant 1



2.25.2 Ant 2

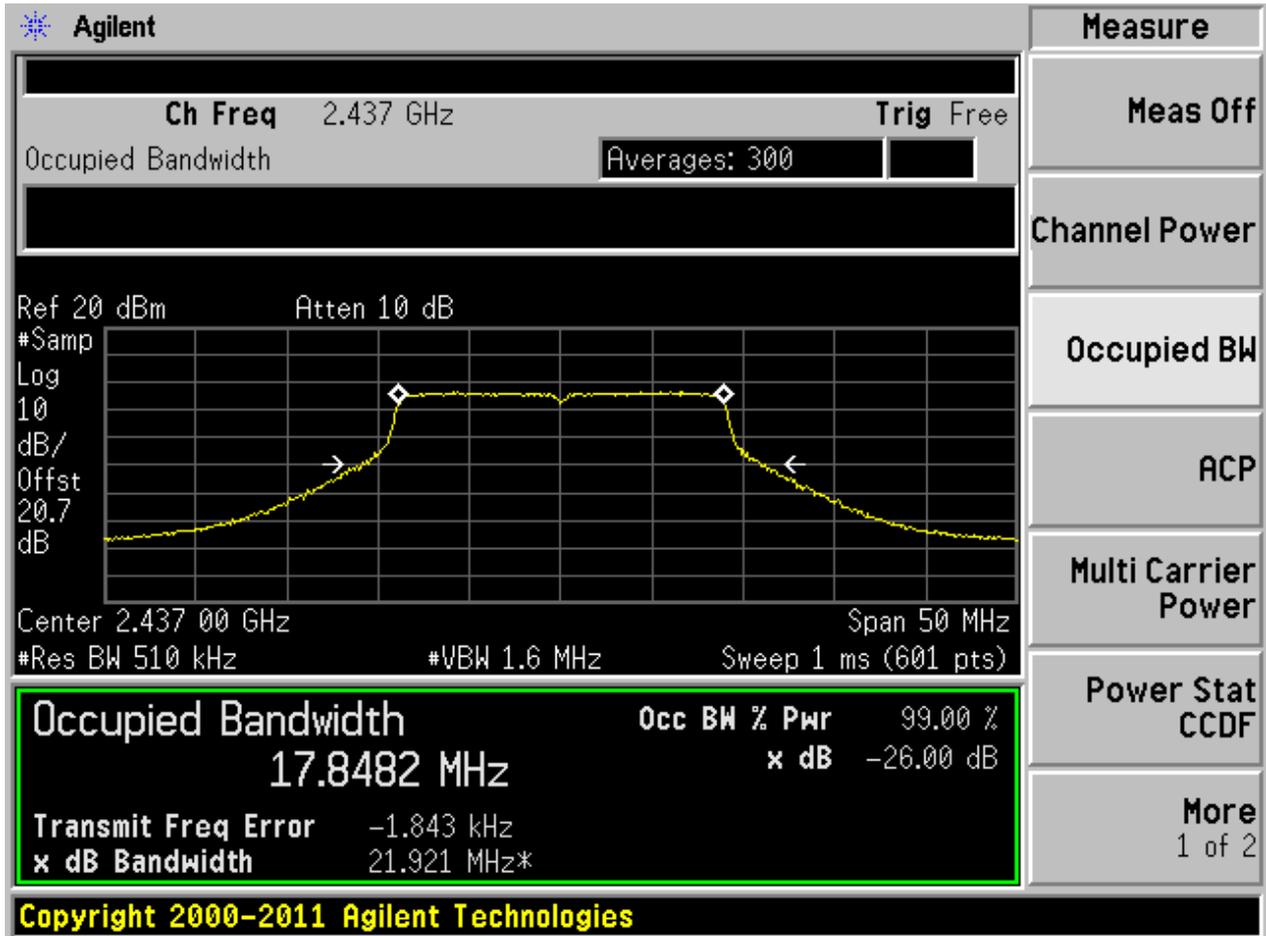


2.25.3 Ant 3

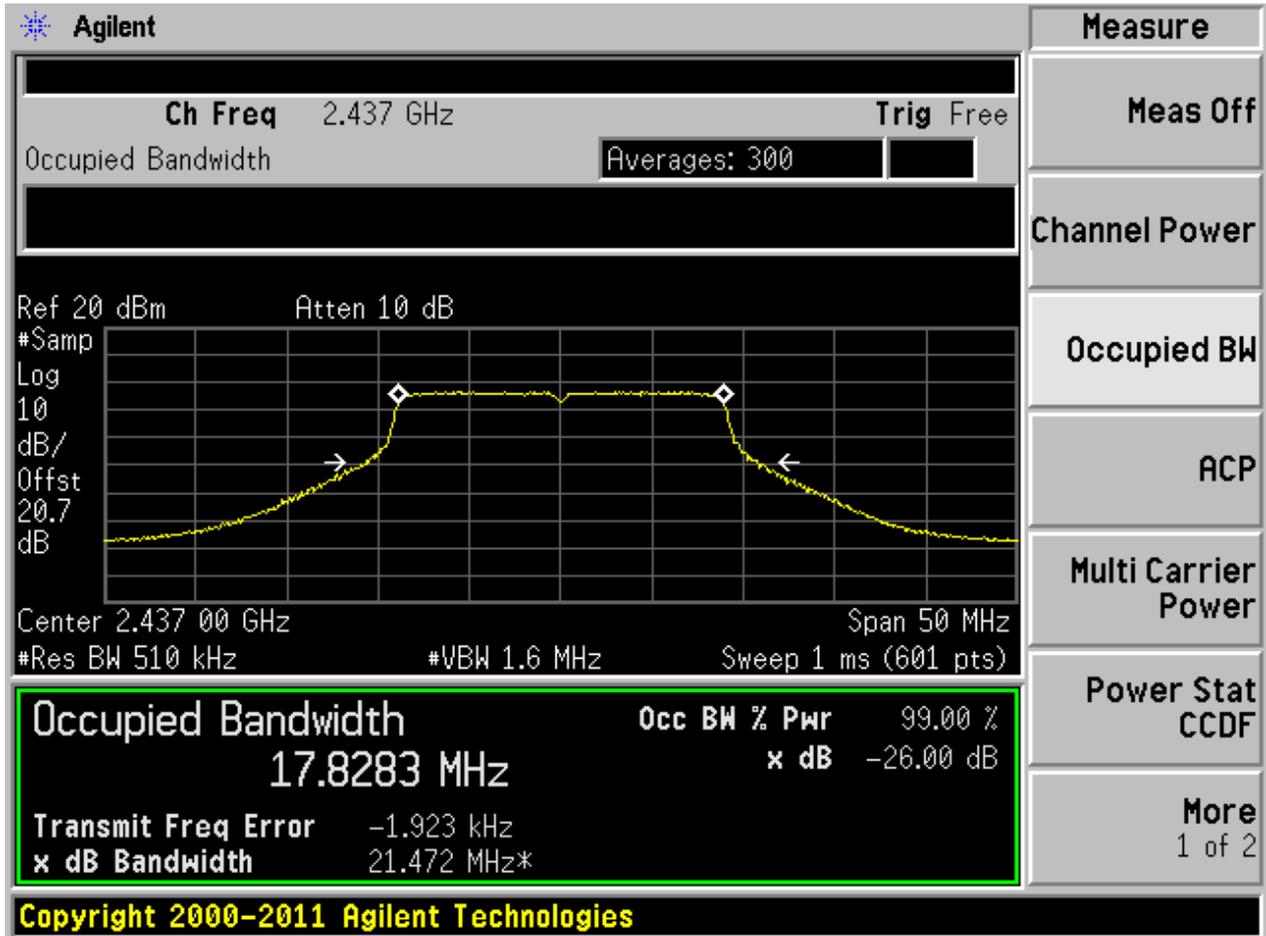


2.2611N20m/16_M@1+2+3

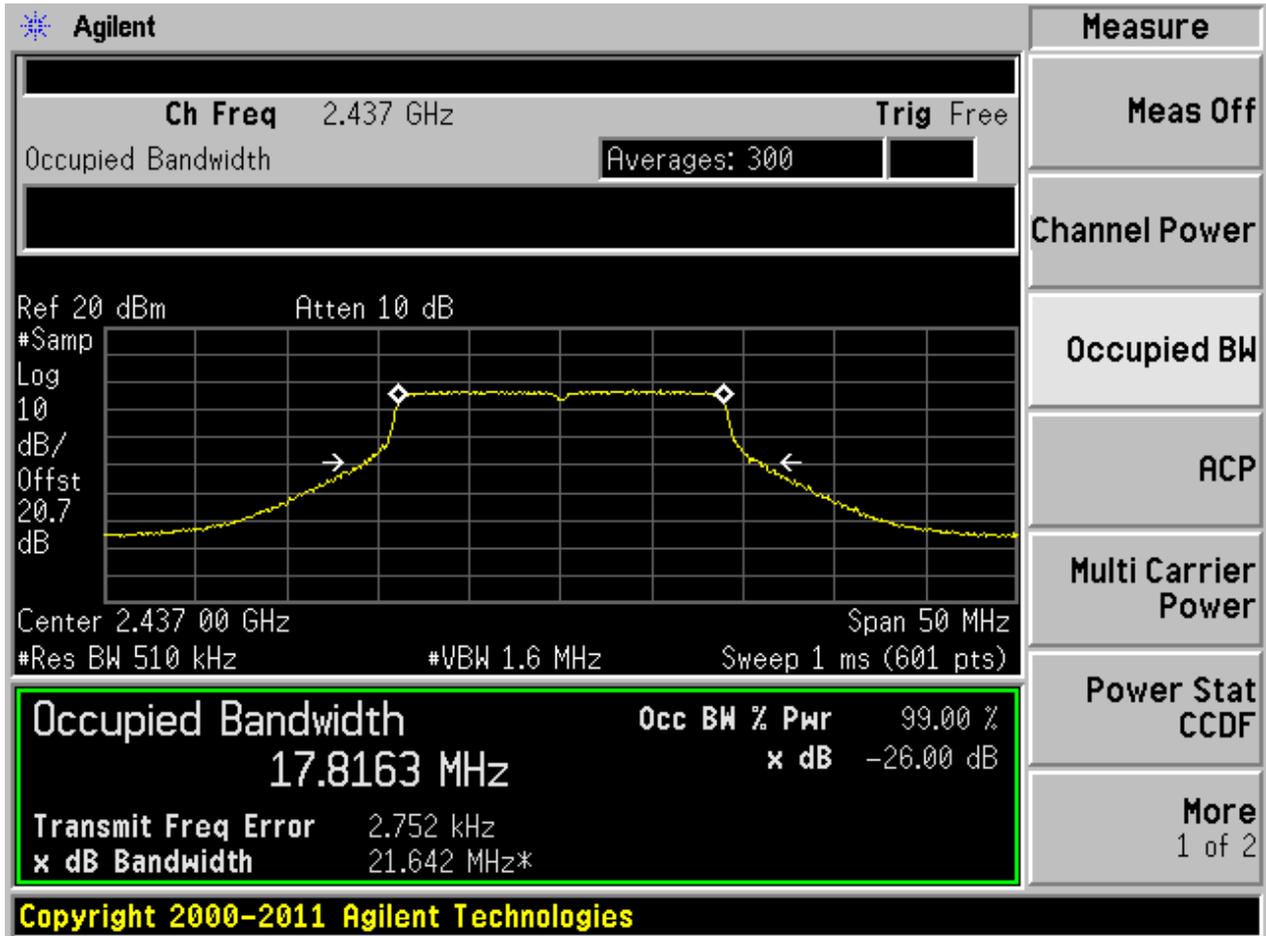
2.26.1 Ant 1



2.26.2 Ant 2

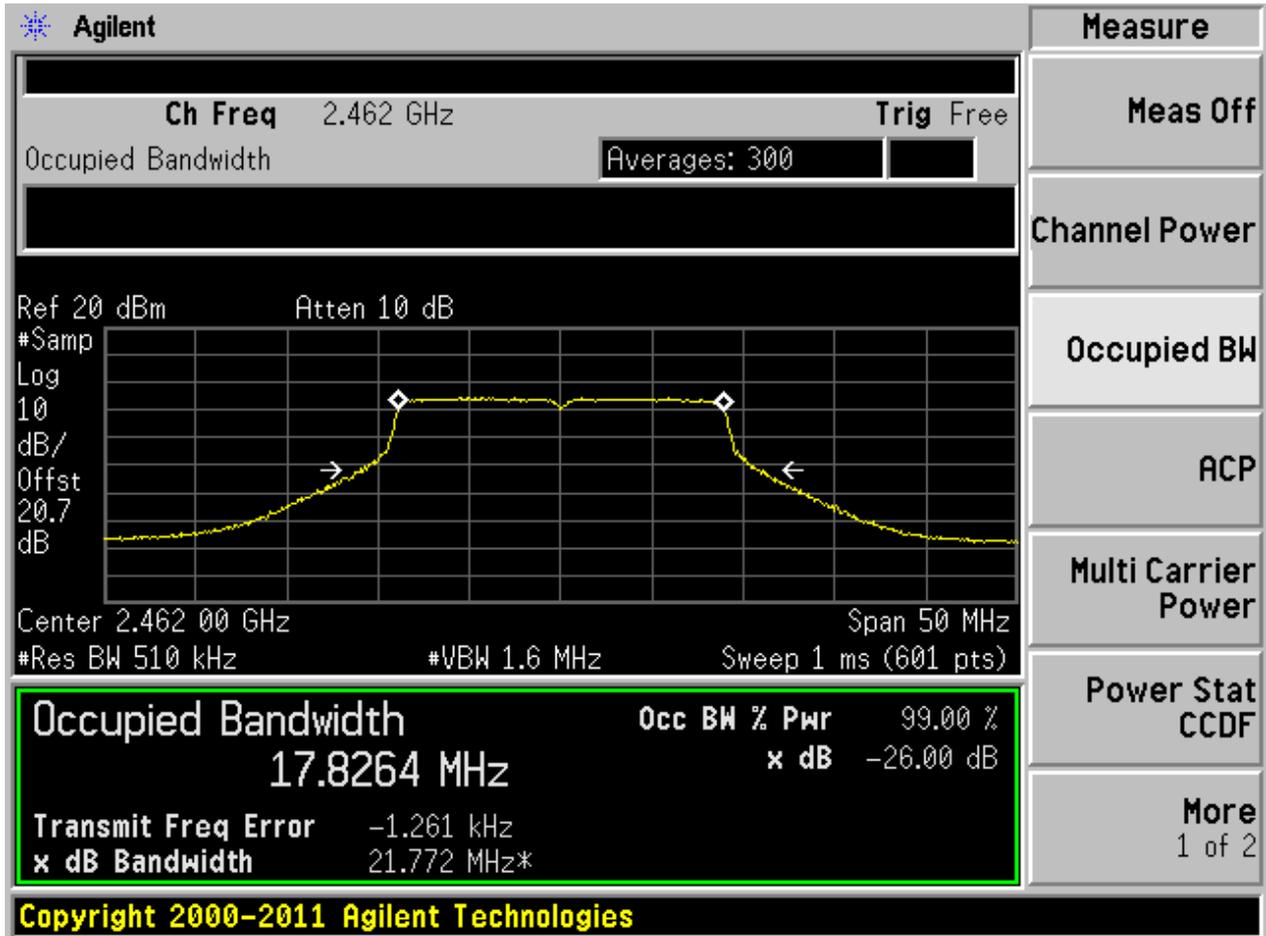


2.26.3 Ant 3

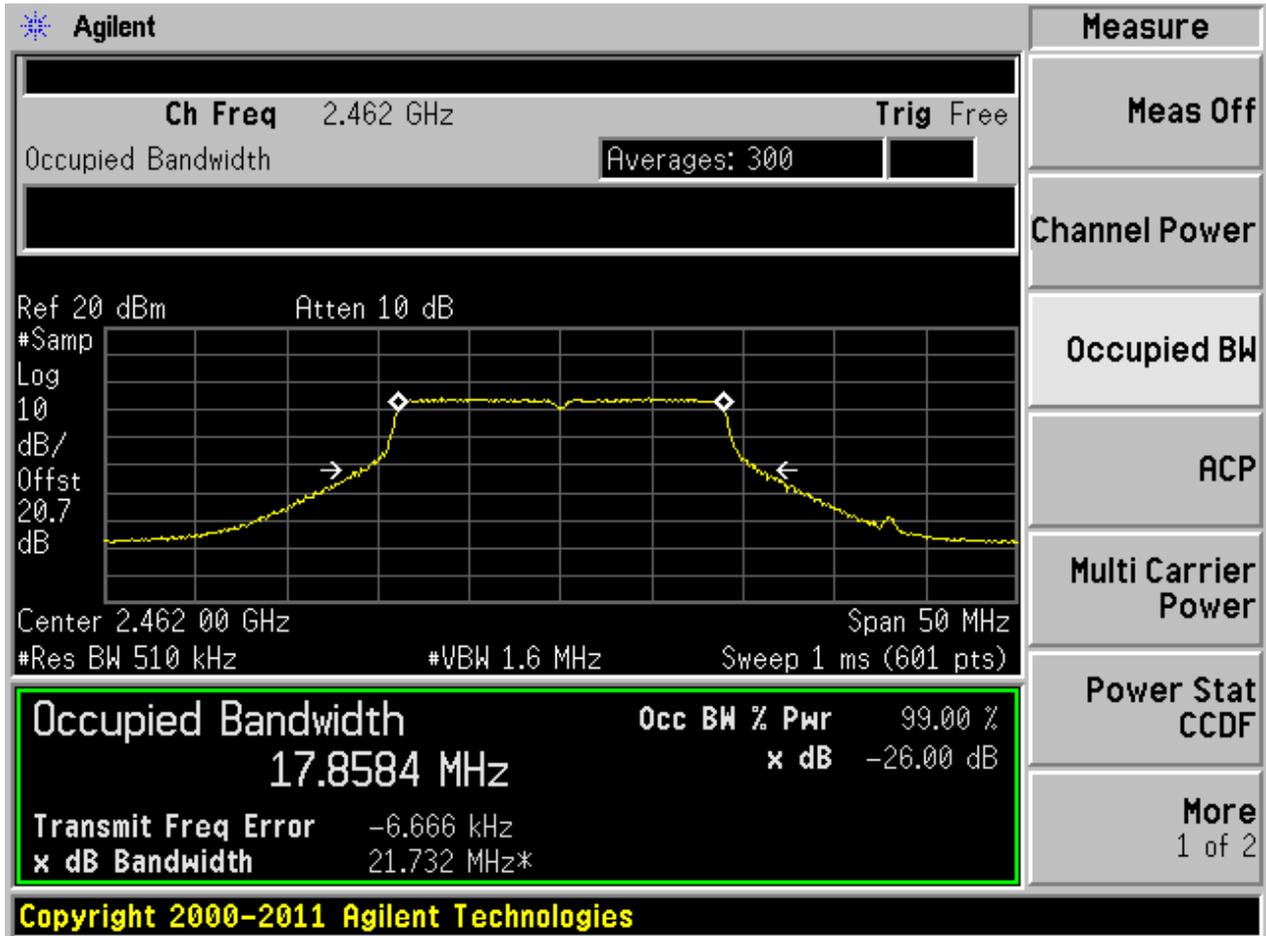


2.2711N20m/16_T@1+2+3

2.27.1 Ant 1



2.27.2 Ant 2



2.27.3 Ant 3



✦
Agilent

Ch Freq 2.462 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp
Log

10
dB/

Offst
20.7

dB

Center 2.462 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth

17.8124 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error
-17.284 kHz

x dB Bandwidth
21.692 MHz*

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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Appendix C: Maximum Peak Conducted Output Power

In this Appendix, the “Pmax” refers to the measured “Maximum Peak Conducted Output Power” value. The “fc(DTS6dBBW)” and “DTS6dBBW” in “DTS (6 dB) Bandwidth” are used to determine the integrated band power.

For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain as “Pmax@i [dBm]”, and then combined into the final result “Pmax [dBm]” to compare with the limit according to: $P_{max} [dBm] = 10 \times \lg(10^{(P_{max}@1 [dBm] / 10)} + \dots + 10^{(P_{max}@N [dBm] / 10)})$ (the N denotes the antenna chains used by smart antenna systems).

1 Result Table

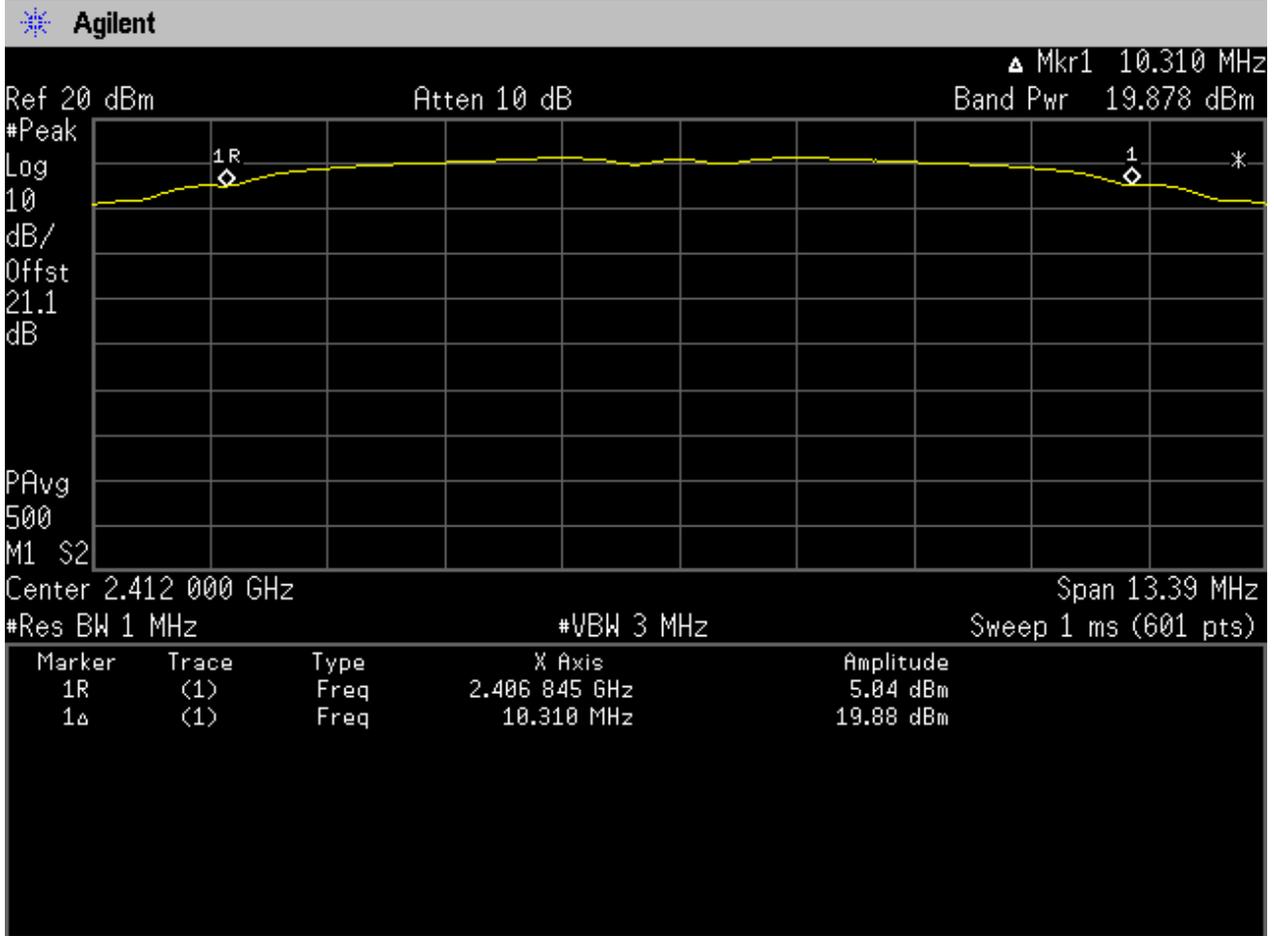
EUT Conf.	Ant.	Pmax@i [dBm]	Pmax [dBm]	Verdict
11B/1_B@2	Ant 2	19.88	19.88	Pass
11B/1_M@2	Ant 2	21.3	21.3	Pass
11B/1_T@2	Ant 2	22.36	22.36	Pass
11Bd/1_B@1+2	Ant 1	17.9	20.7	Pass
	Ant 2	17.47		
11Bd/1_M@1+2	Ant 1	18.47	21.41	Pass
	Ant 2	18.33		
11Bd/1_T@1+2	Ant 1	18.38	20.98	Pass
	Ant 2	17.52		
11Bd/1_B@1+2+3	Ant 1	16.37	21.1	Pass
	Ant 2	16		
	Ant 3	16.6		
11Bd/1_M@1+2+3	Ant 1	17.02	21.86	Pass
	Ant 2	16.87		
	Ant 3	17.36		
11Bd/1_T@1+2+3	Ant 1	16.7	21.8	Pass
	Ant 2	16.25		
	Ant 3	17.96		
11G/6_B@2	Ant 2	21.73	21.73	Pass
11G/6_M@2	Ant 2	24.65	24.65	Pass
11G/6_T@2	Ant 2	21.78	21.78	Pass
11Gd/6_B@1+2	Ant 1	18.44	21.5	Pass
	Ant 2	18.53		
11Gd/6_M@1+2	Ant 1	21.02	23.91	Pass
	Ant 2	20.78		
11Gd/6_T@1+2	Ant 1	18.17	21.49	Pass
	Ant 2	18.76		
11Gd/6_B@1+2+3	Ant 1	16.64	21.37	Pass
	Ant 2	16.56		
	Ant 3	16.61		



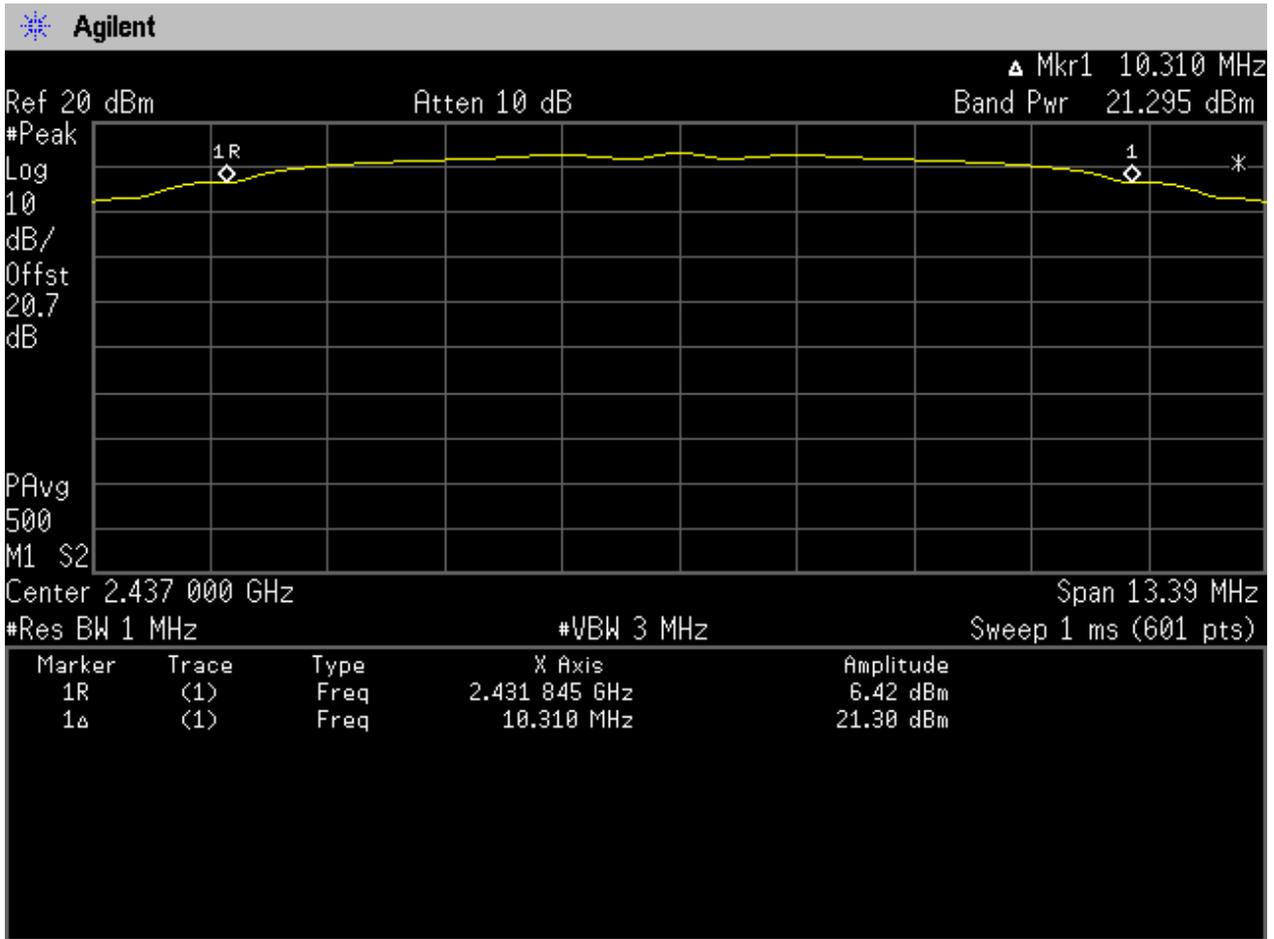
EUT Conf.	Ant.	Pmax@i [dBm]	Pmax [dBm]	Verdict
11Gd/6_M@1+2+3	Ant 1	19.32	24.24	Pass
	Ant 2	19.22		
	Ant 3	19.83		
11Gd/6_T@1+2+3	Ant 1	16.78	22.47	Pass
	Ant 2	17.14		
	Ant 3	18.88		
11N20/0_B@2	Ant 2	21.97	21.97	Pass
11N20/0_M@2	Ant 2	24.58	24.58	Pass
11N20/0_T@2	Ant 2	21.88	21.88	Pass
11N20m/8_B@1+2	Ant 1	18.66	21.55	Pass
	Ant 2	18.41		
11N20m/8_M@1+2	Ant 1	21.78	24.69	Pass
	Ant 2	21.57		
11N20m/8_T@1+2	Ant 1	19.07	22.06	Pass
	Ant 2	19.02		
11N20m/16_B@1+2 +3	Ant 1	15.92	21.51	Pass
	Ant 2	17.16		
	Ant 3	17.02		
11N20m/16_M@1+2 +3	Ant 1	19.68	24.68	Pass
	Ant 2	19.85		
	Ant 3	20.17		
11N20m/16_T@1+2 +3	Ant 1	17.44	22.66	Pass
	Ant 2	17.23		
	Ant 3	18.83		

2 Test Plot

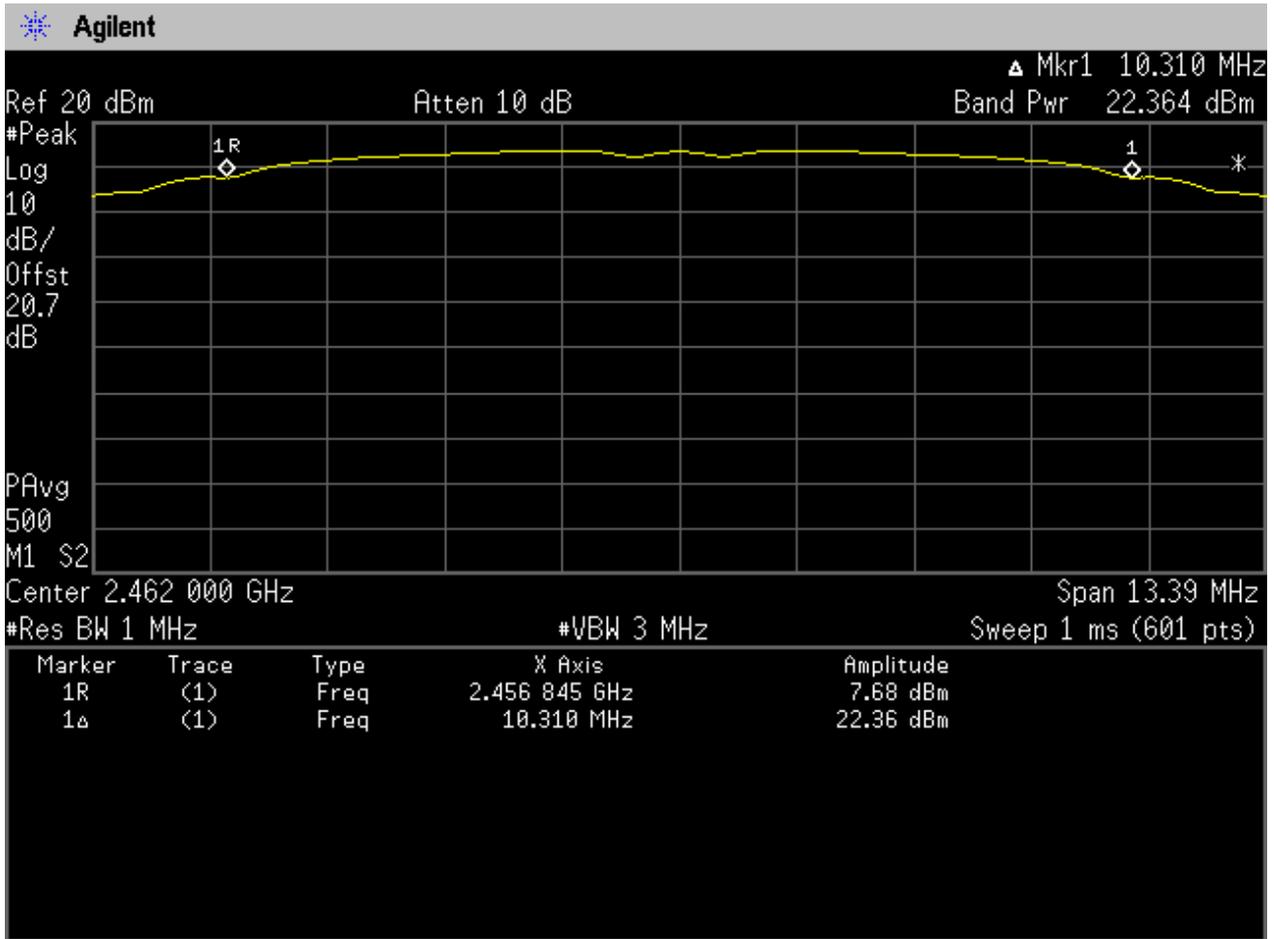
2.1 11B/1_B@2



2.2 11B/1_M@2

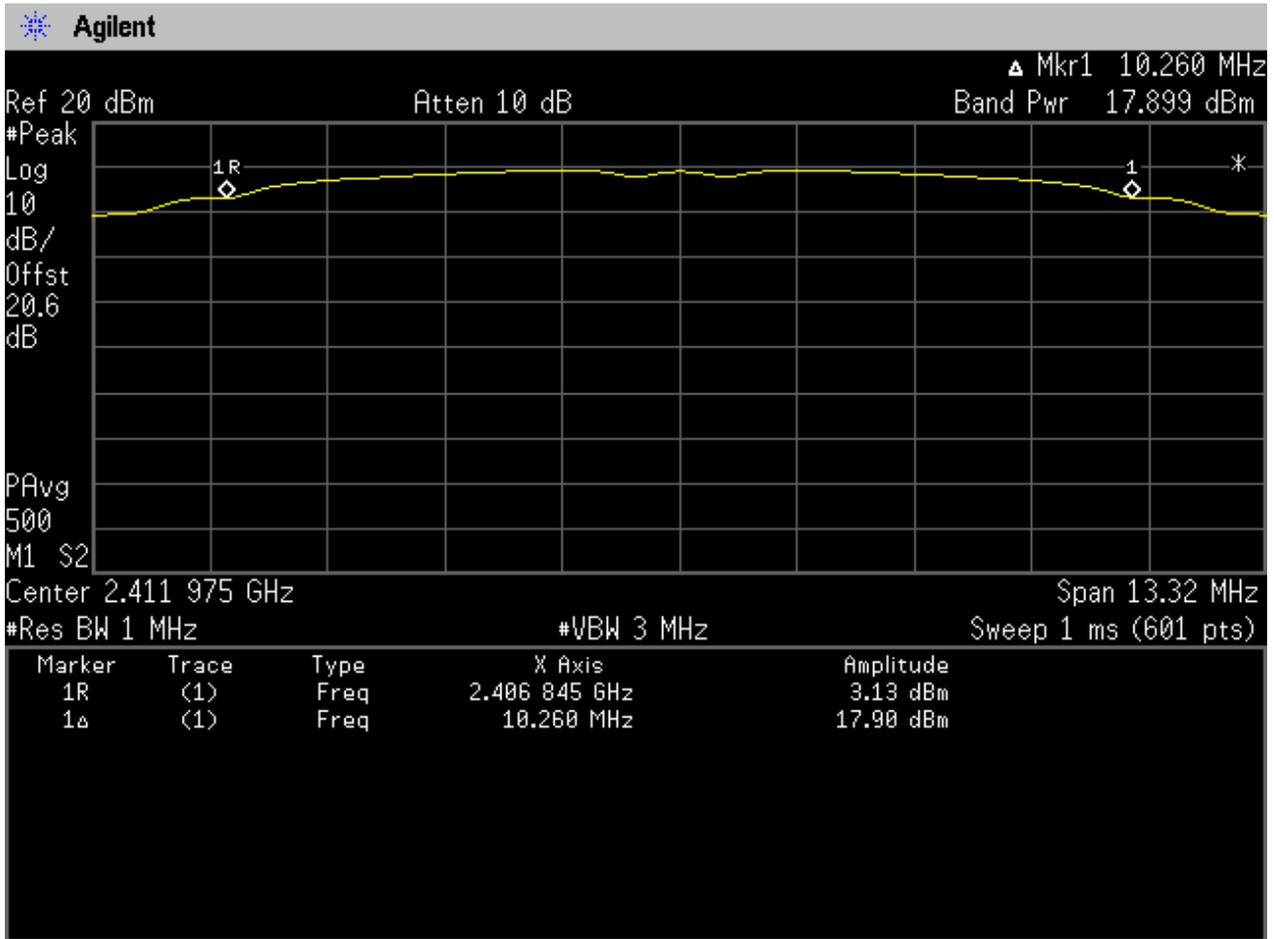


2.3 11B/1_T@2

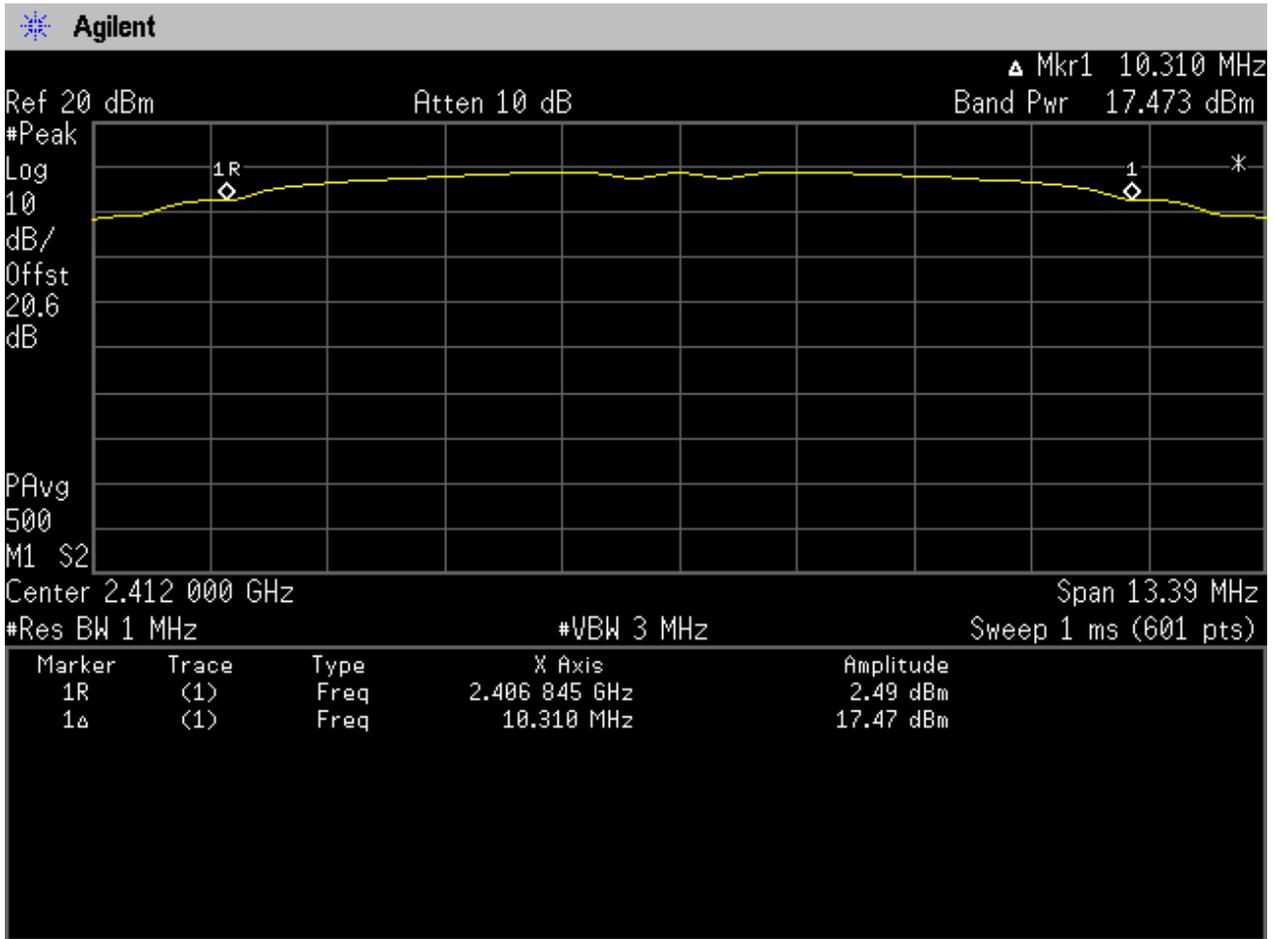


2.4 11Bd/1_B@1+2

2.4.1 Ant 1

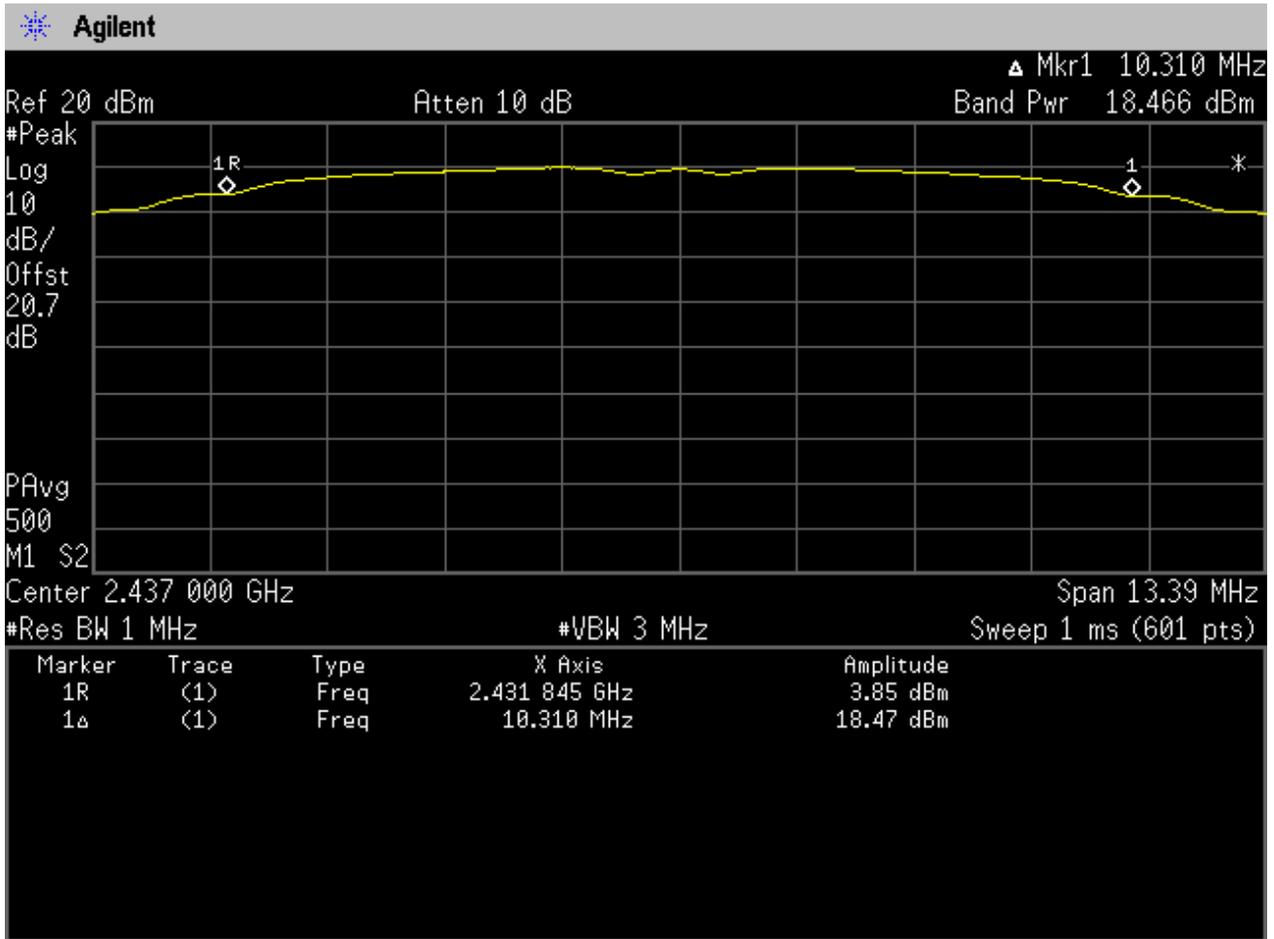


2.4.2 Ant 2

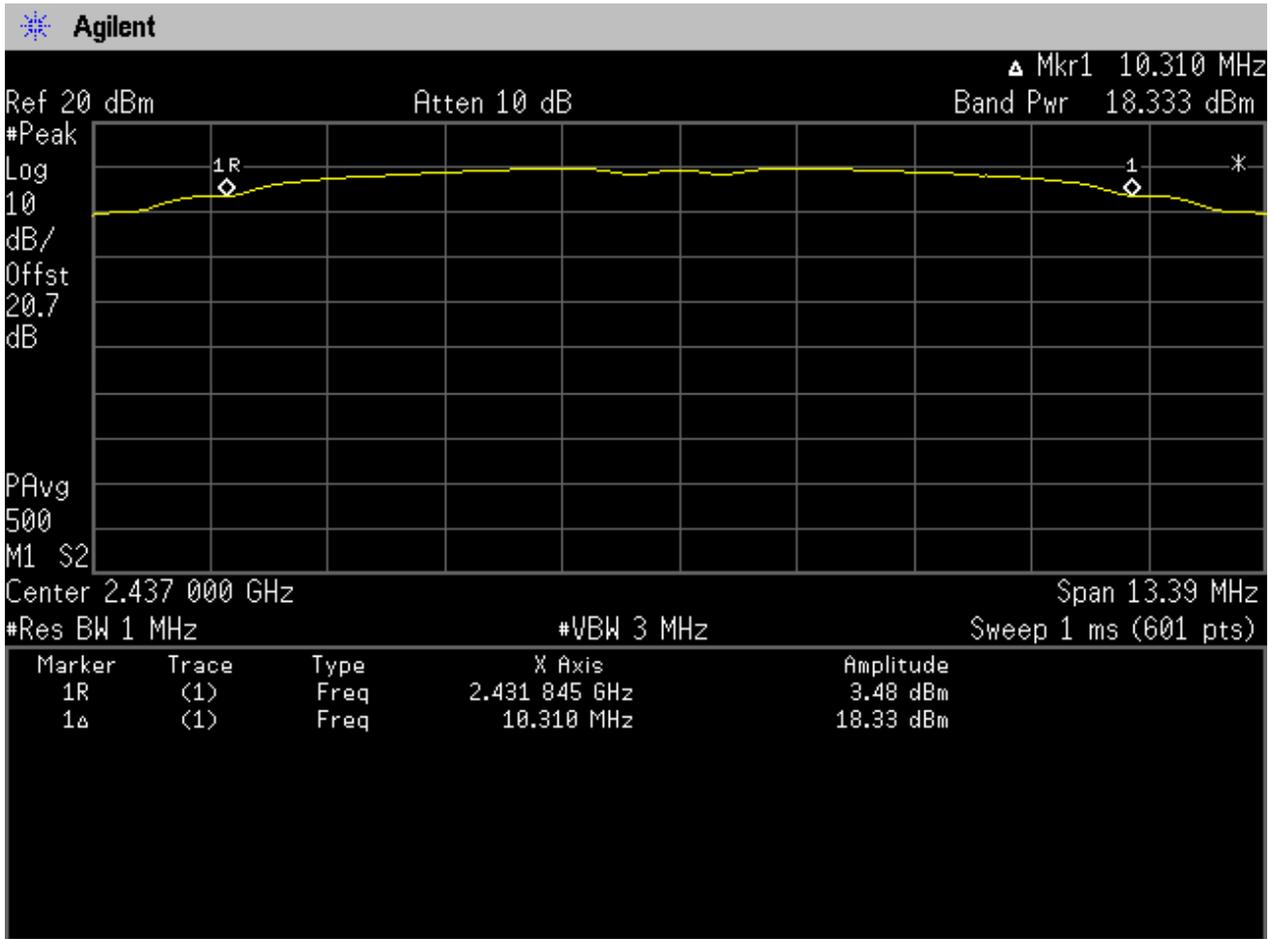


2.5 11Bd/1_M@1+2

2.5.1 Ant 1

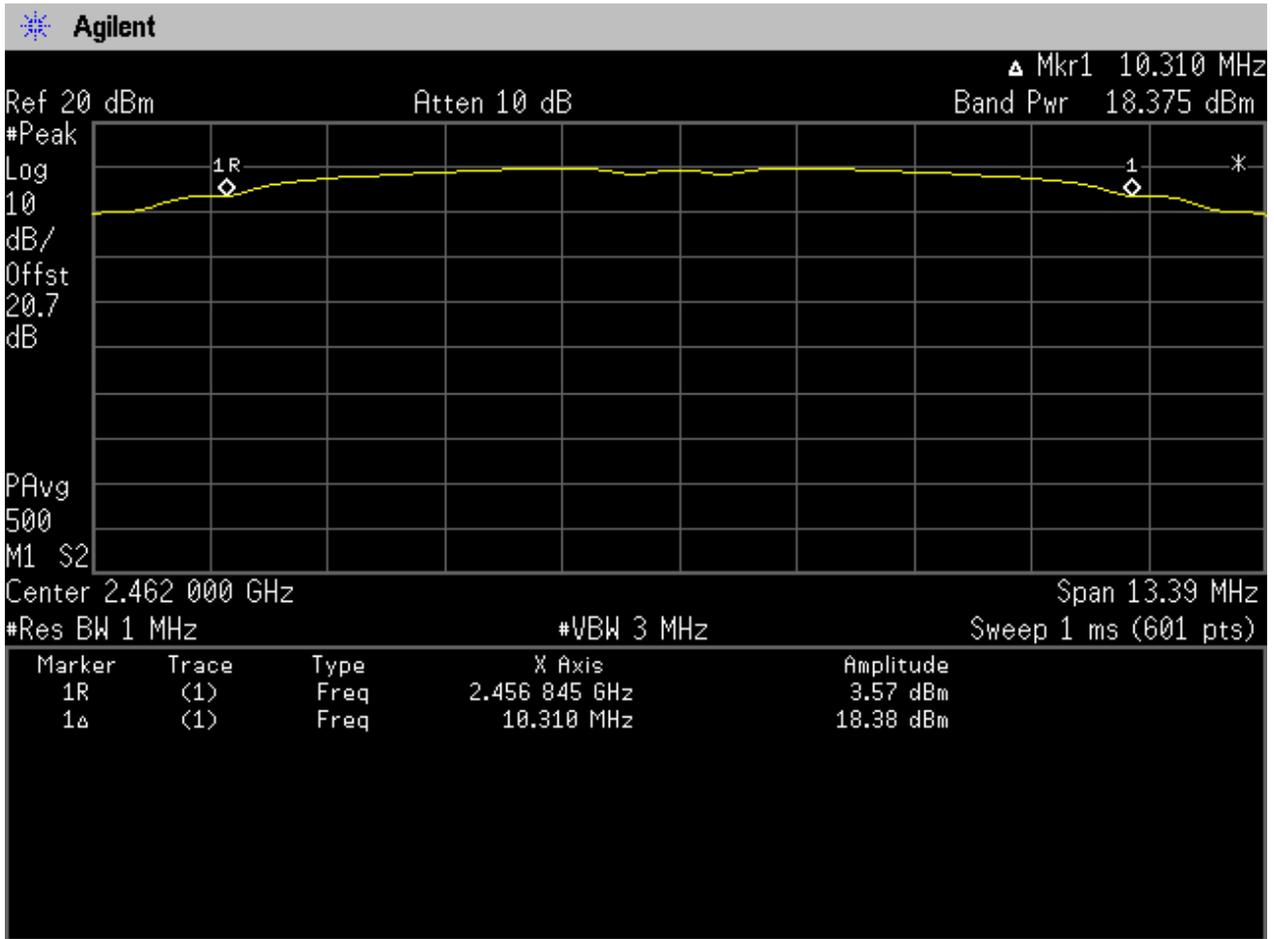


2.5.2 Ant 2

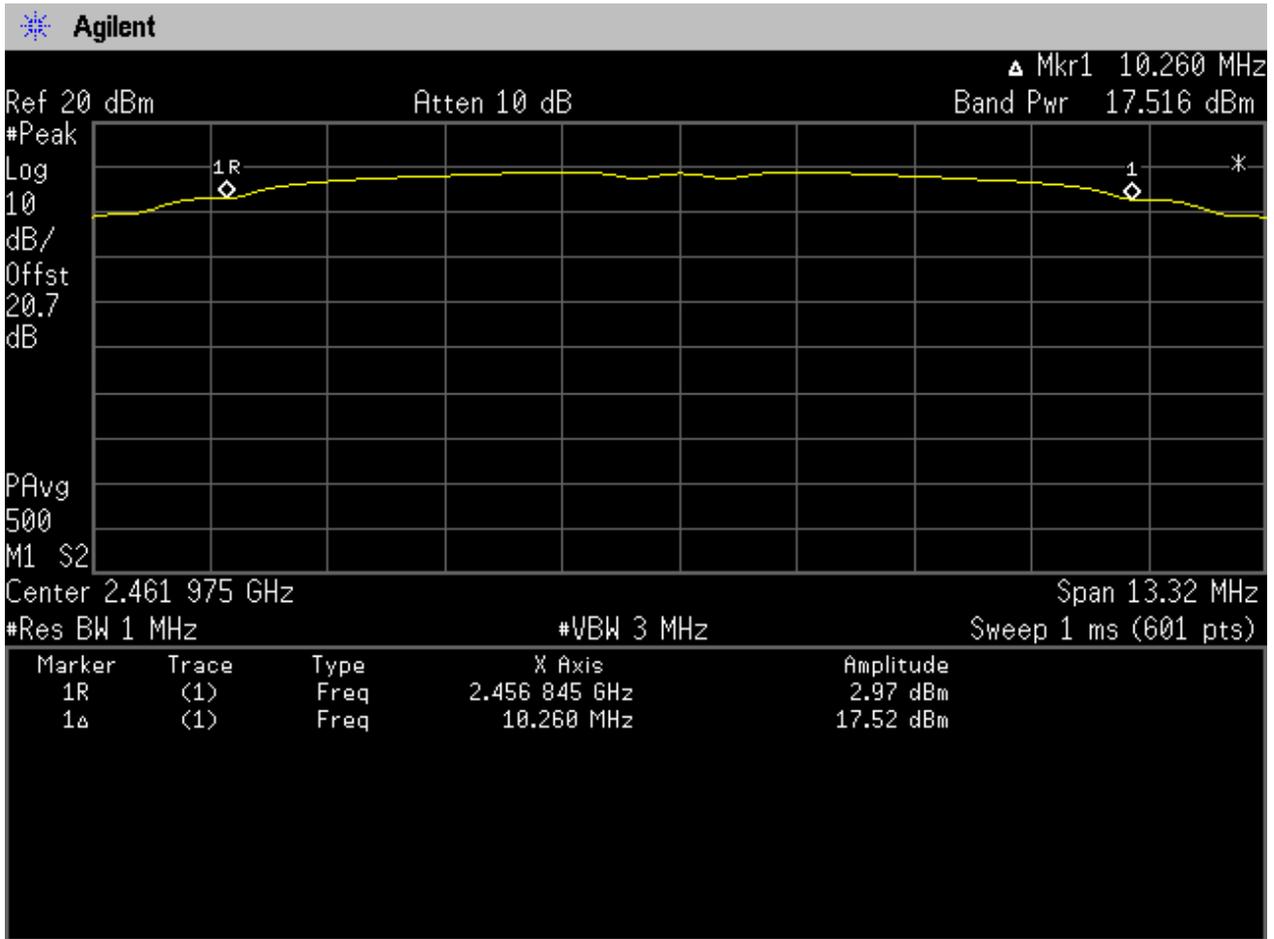


2.6 11Bd/1_T@1+2

2.6.1 Ant 1

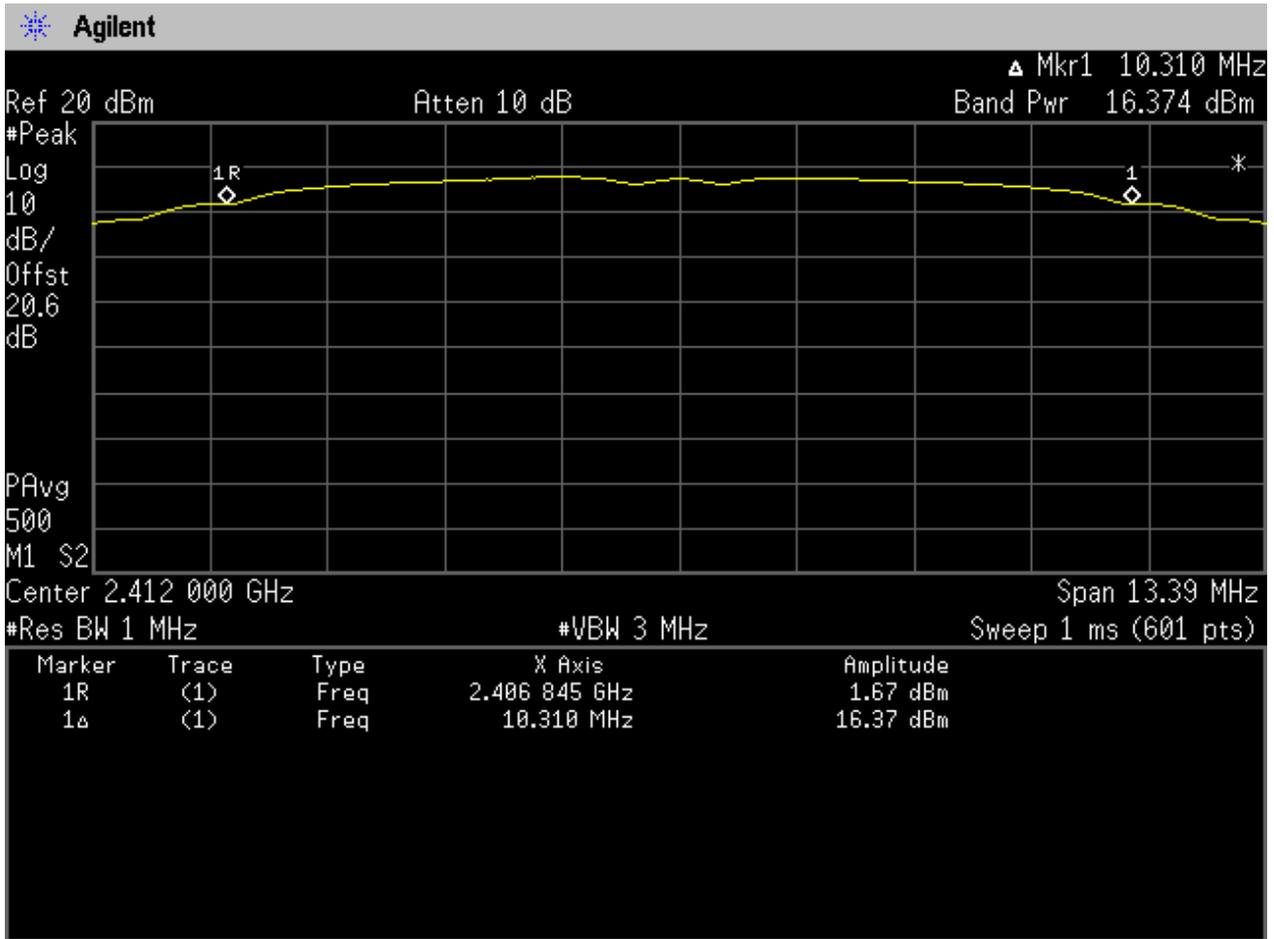


2.6.2 Ant 2

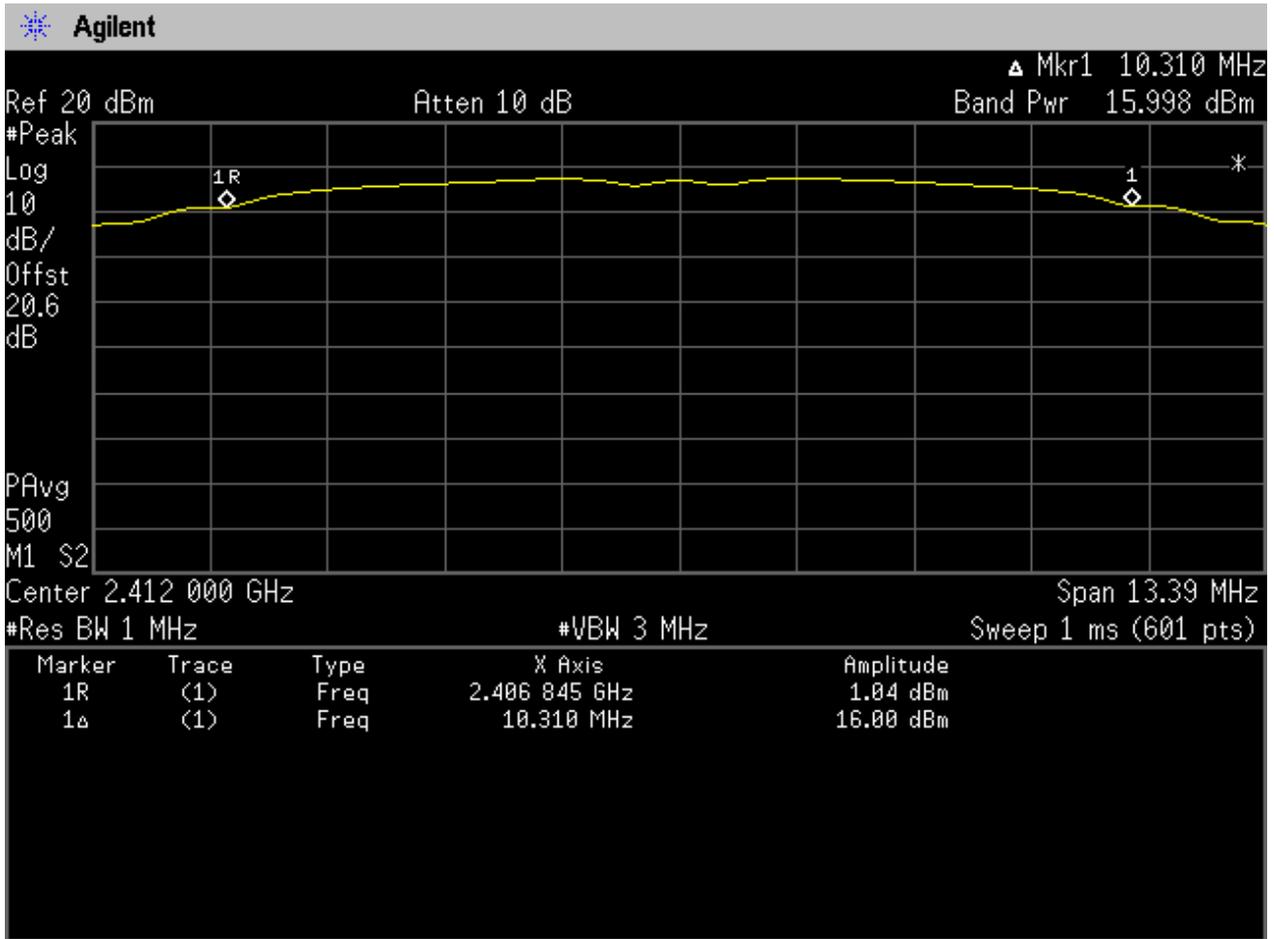


2.7 11Bd/1_B@1+2+3

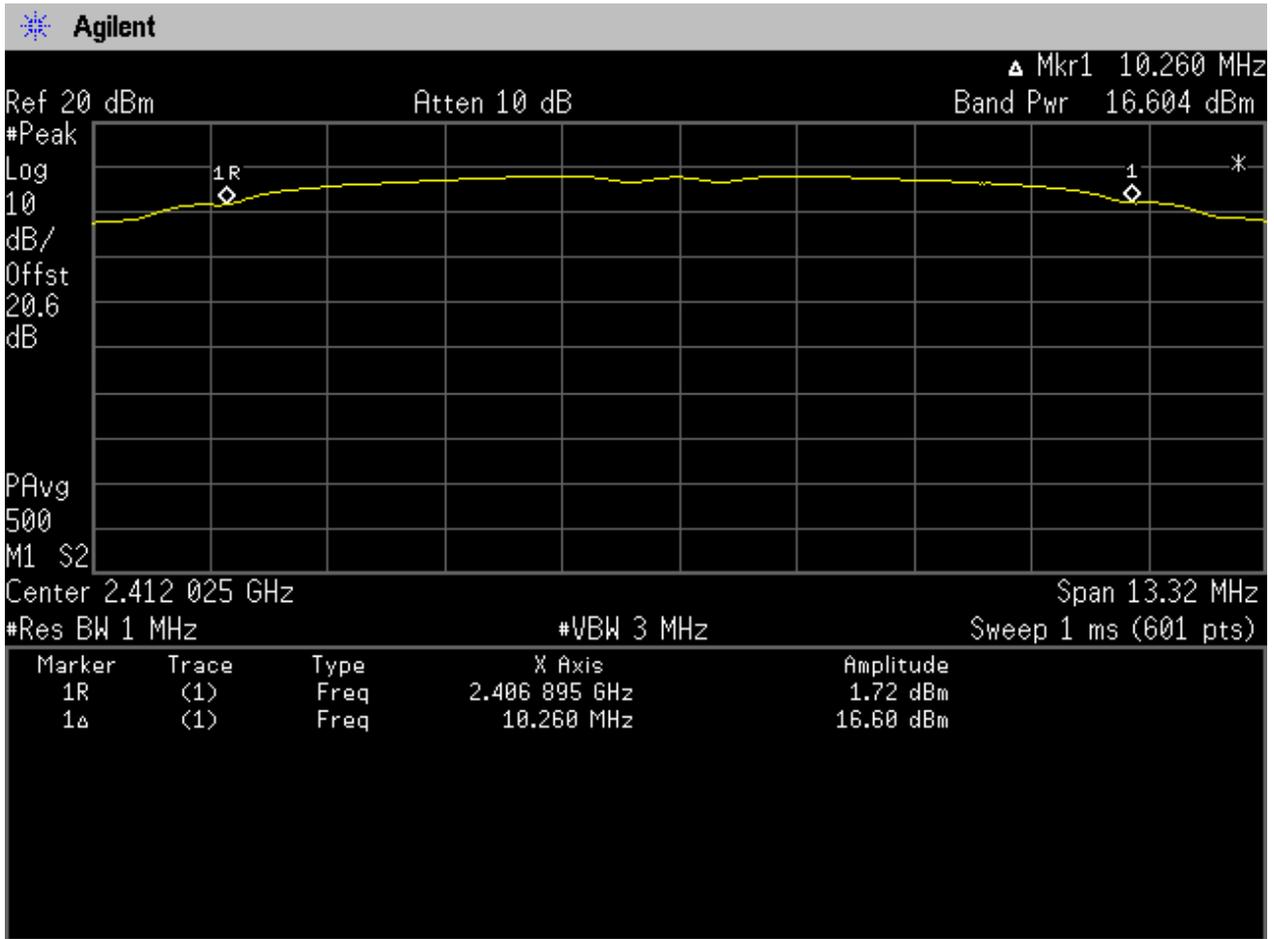
2.7.1 Ant 1



2.7.2 Ant 2

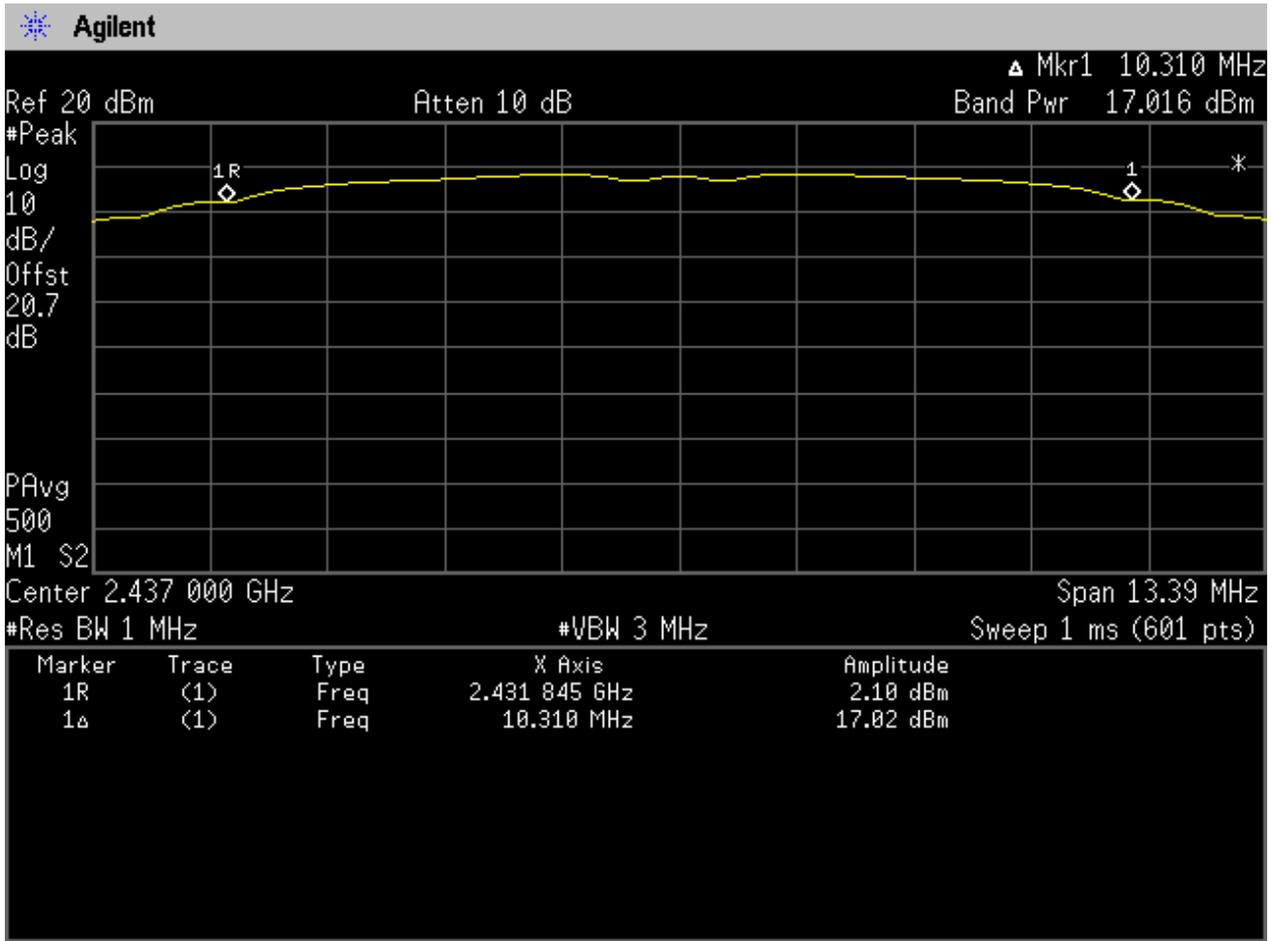


2.7.3 Ant 3

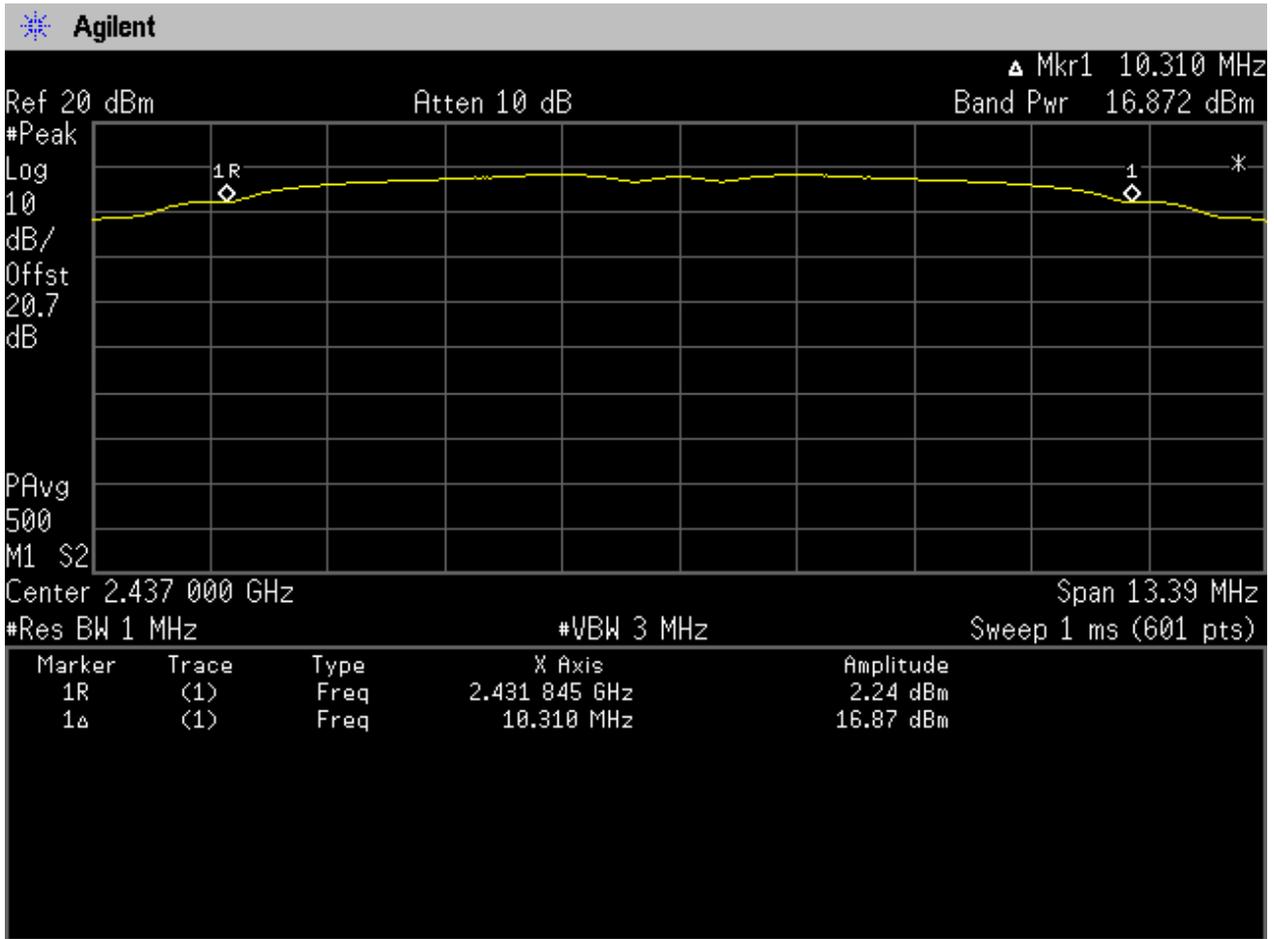


2.8 11Bd/1_M@1+2+3

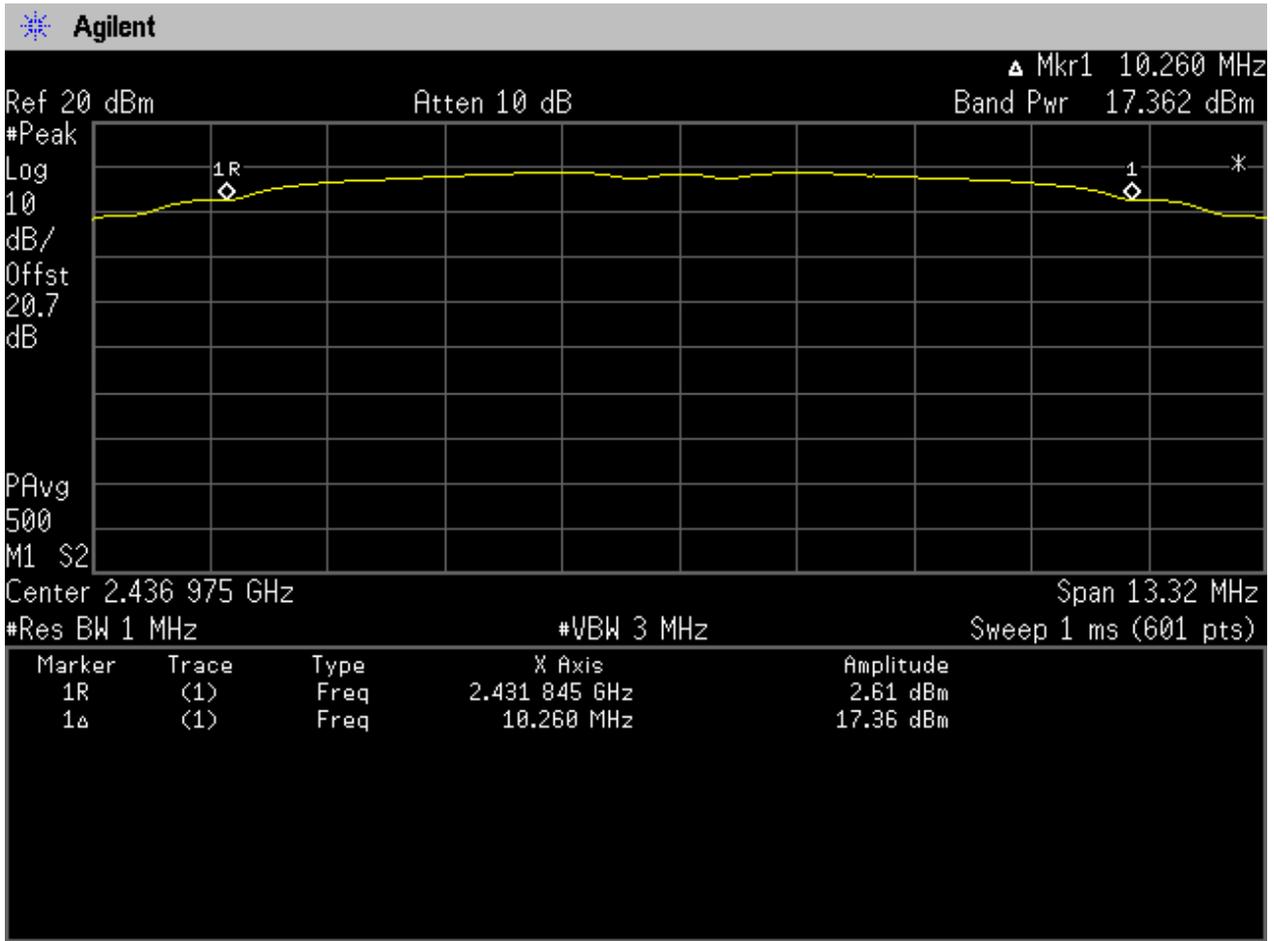
2.8.1 Ant 1



2.8.2 Ant 2

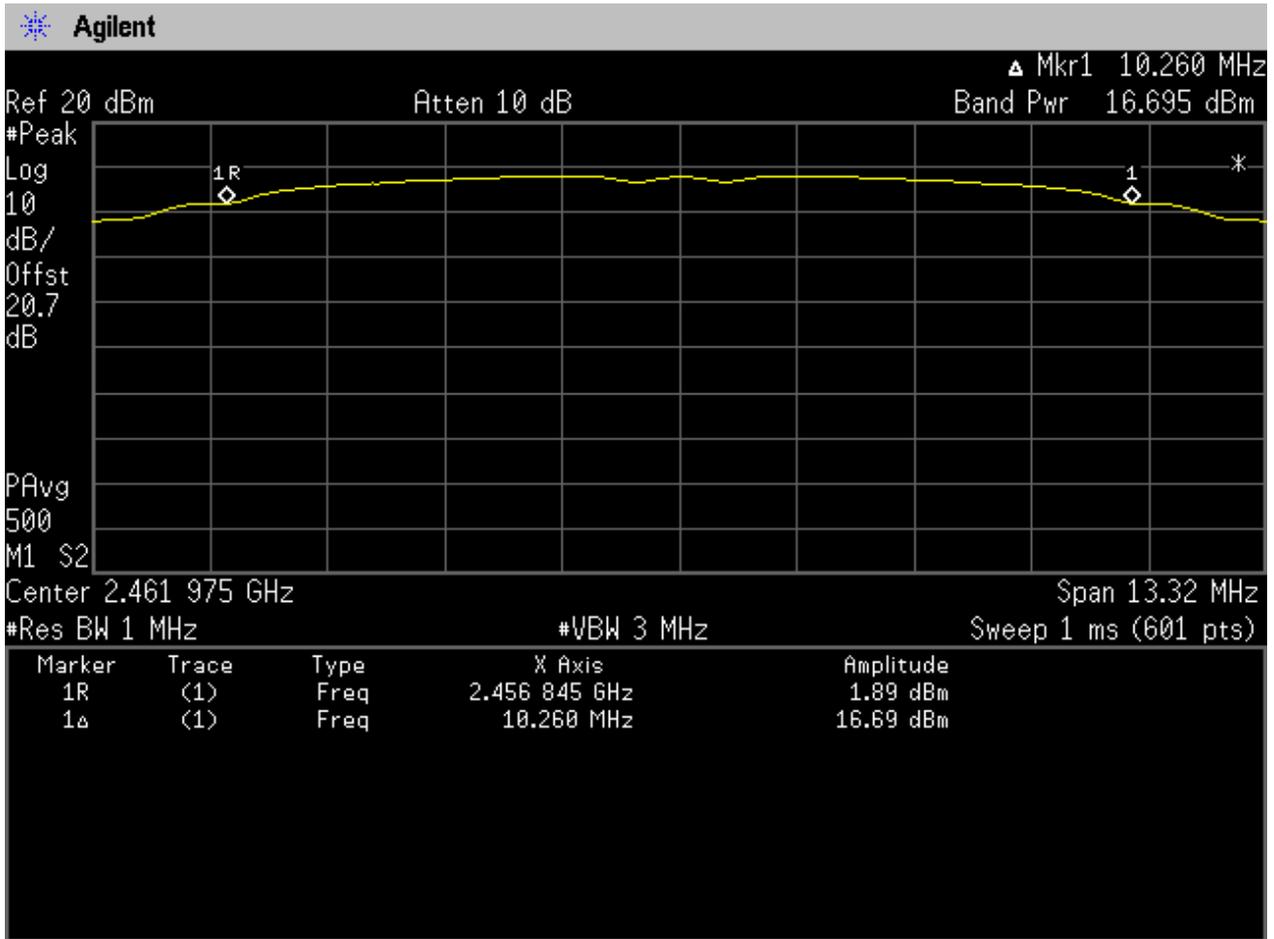


2.8.3 Ant 3

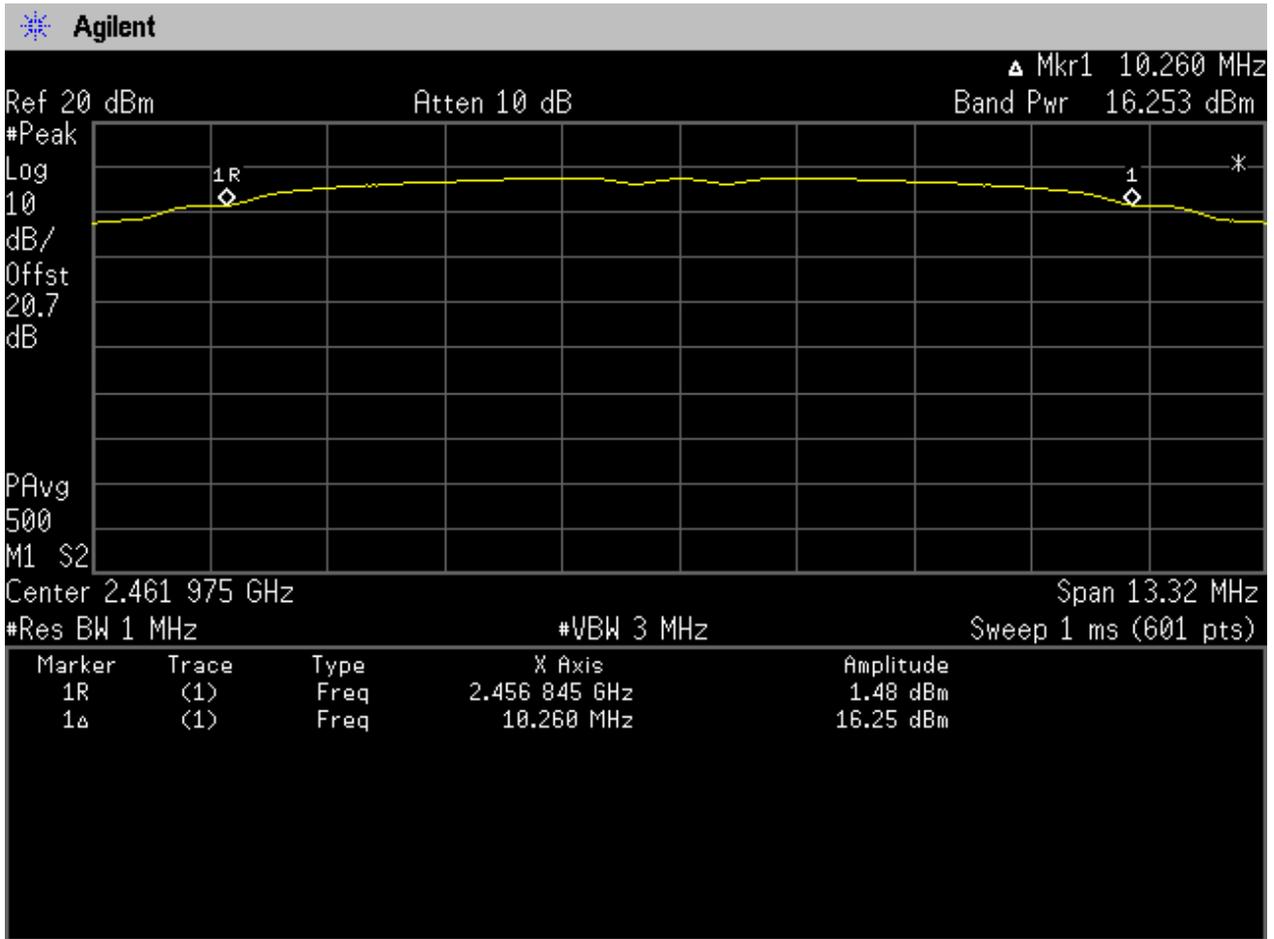


2.9 11Bd/1_T@1+2+3

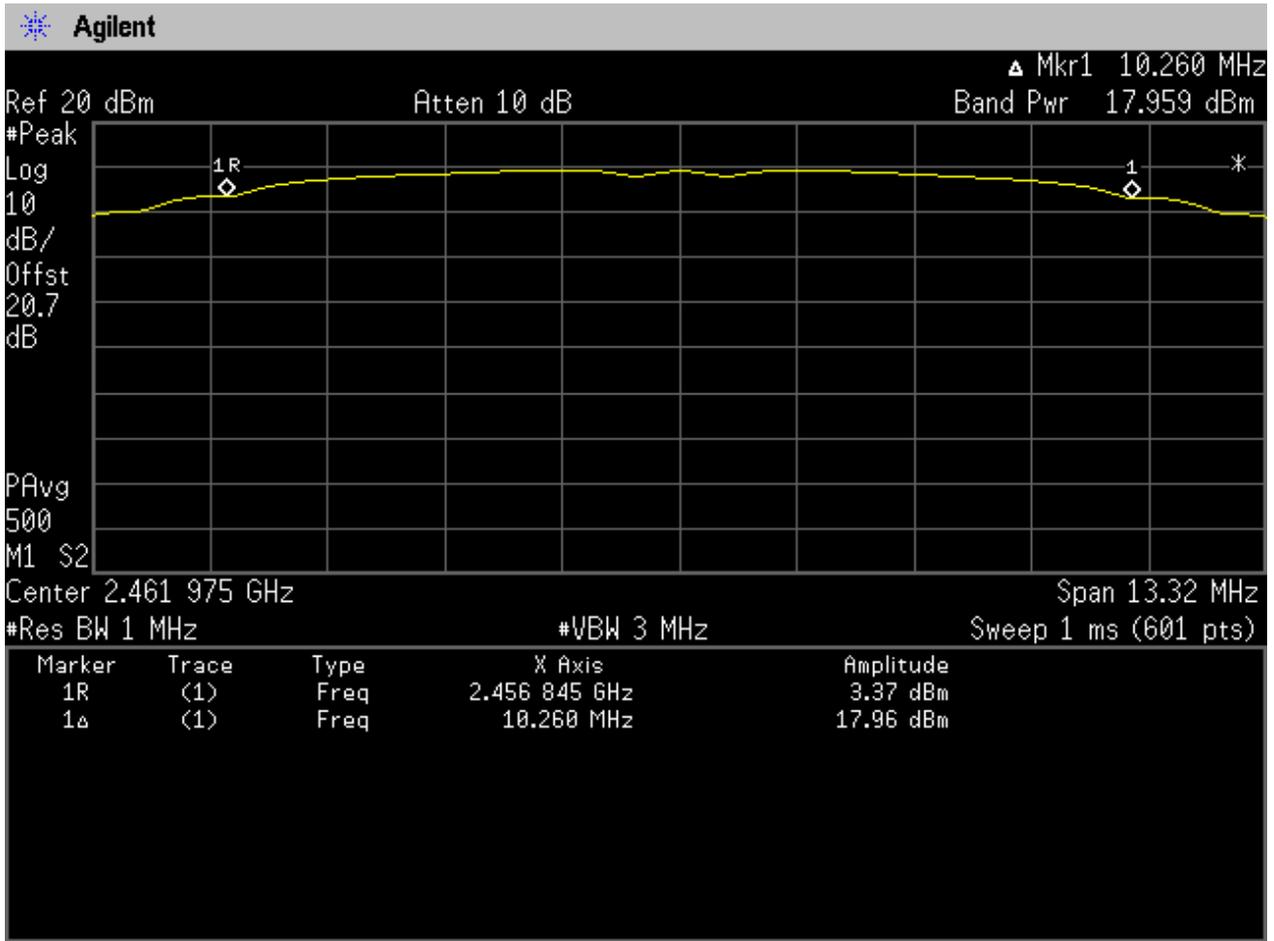
2.9.1 Ant 1



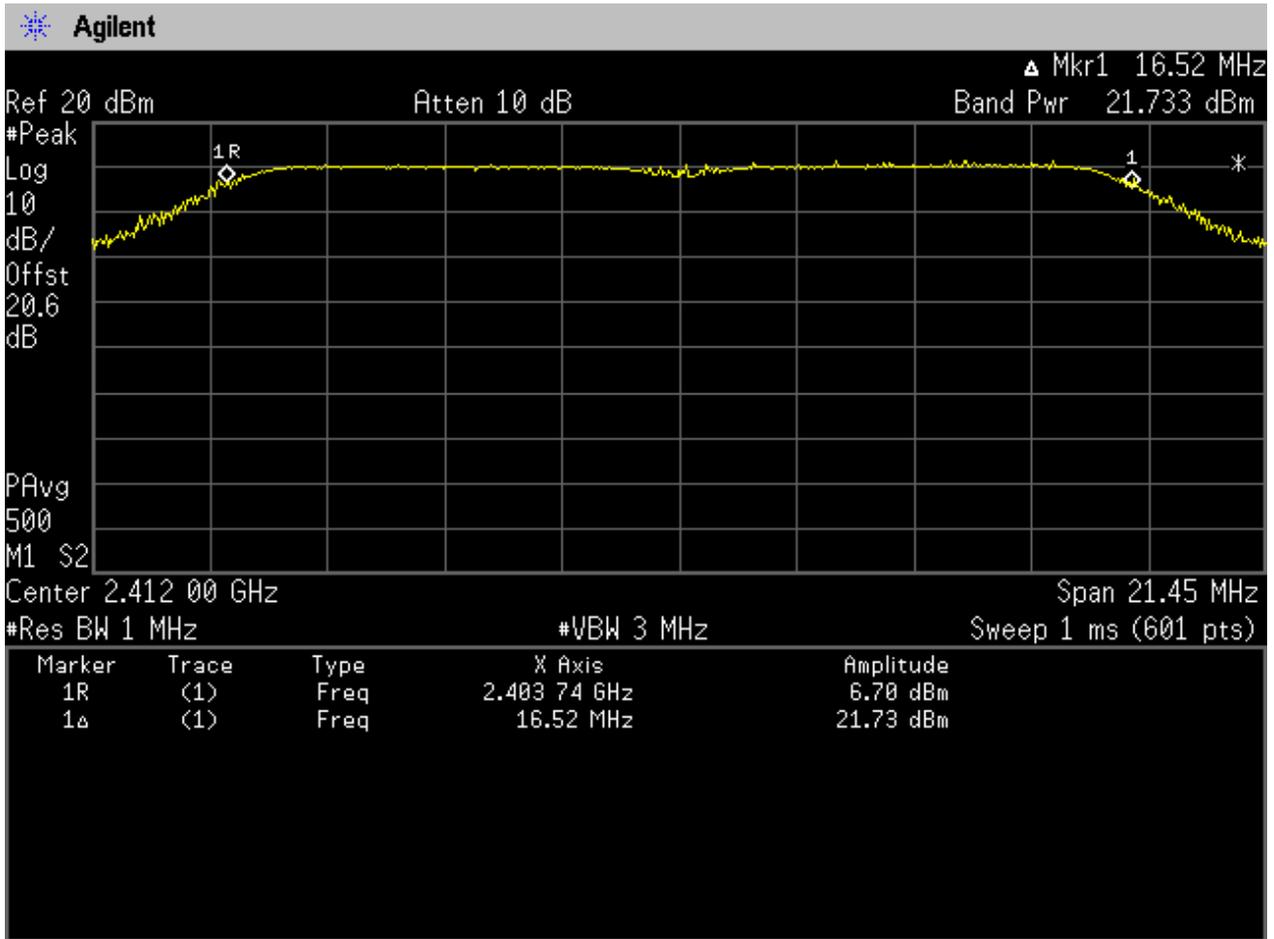
2.9.2 Ant 2



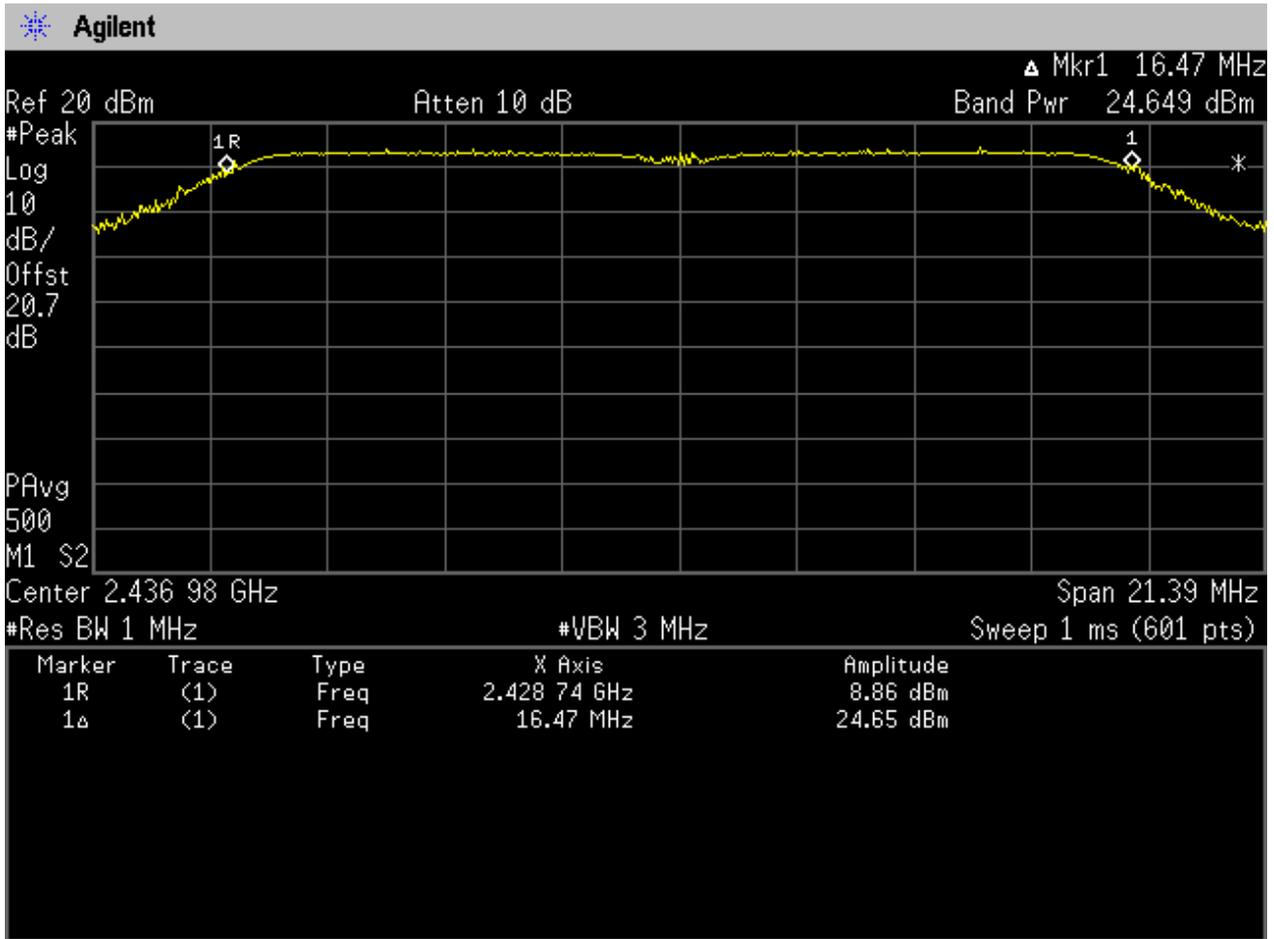
2.9.3 Ant 3



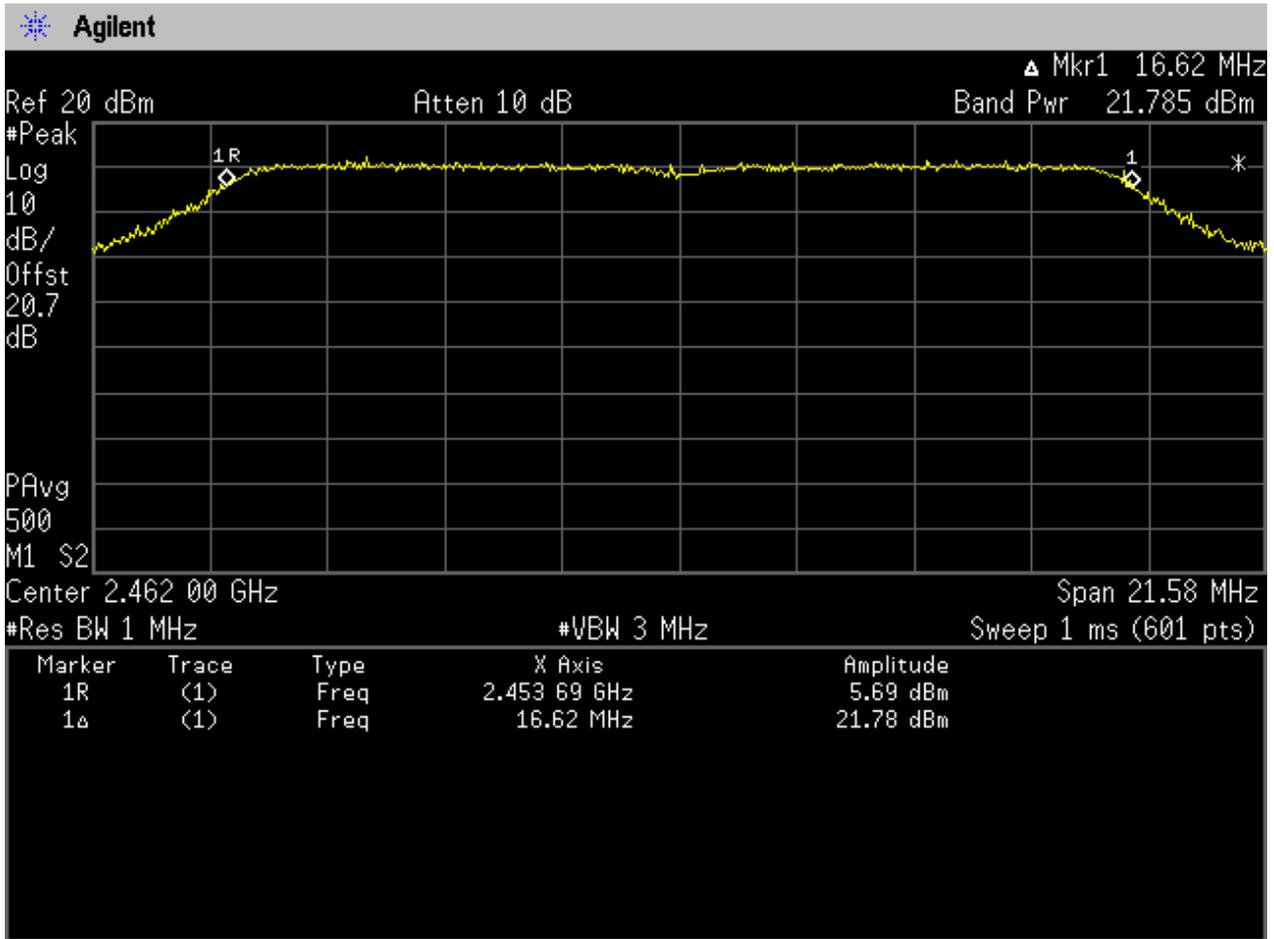
2.1011G/6_B@2



2.1111G/6_M@2

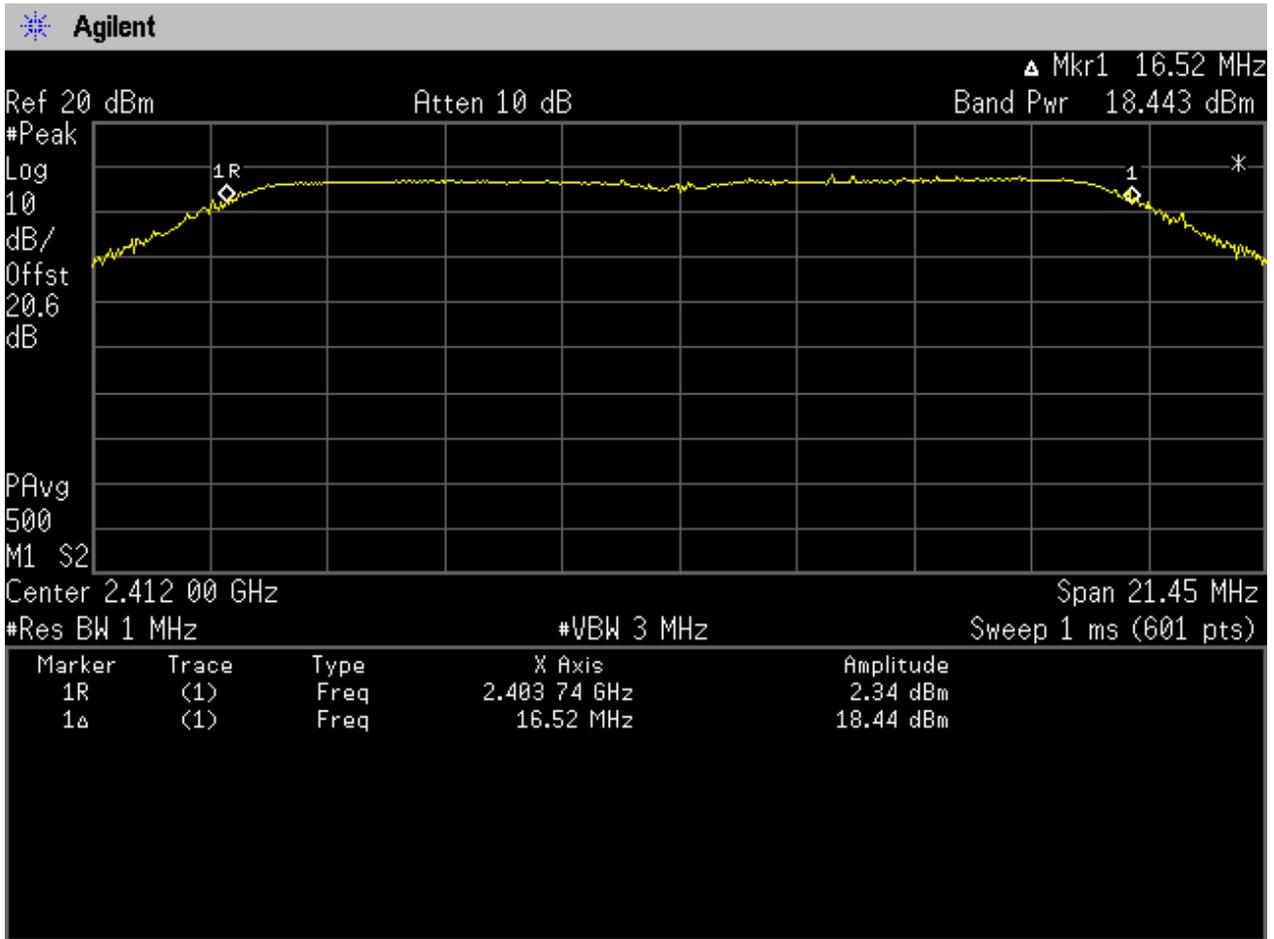


2.1211G/6_T@2

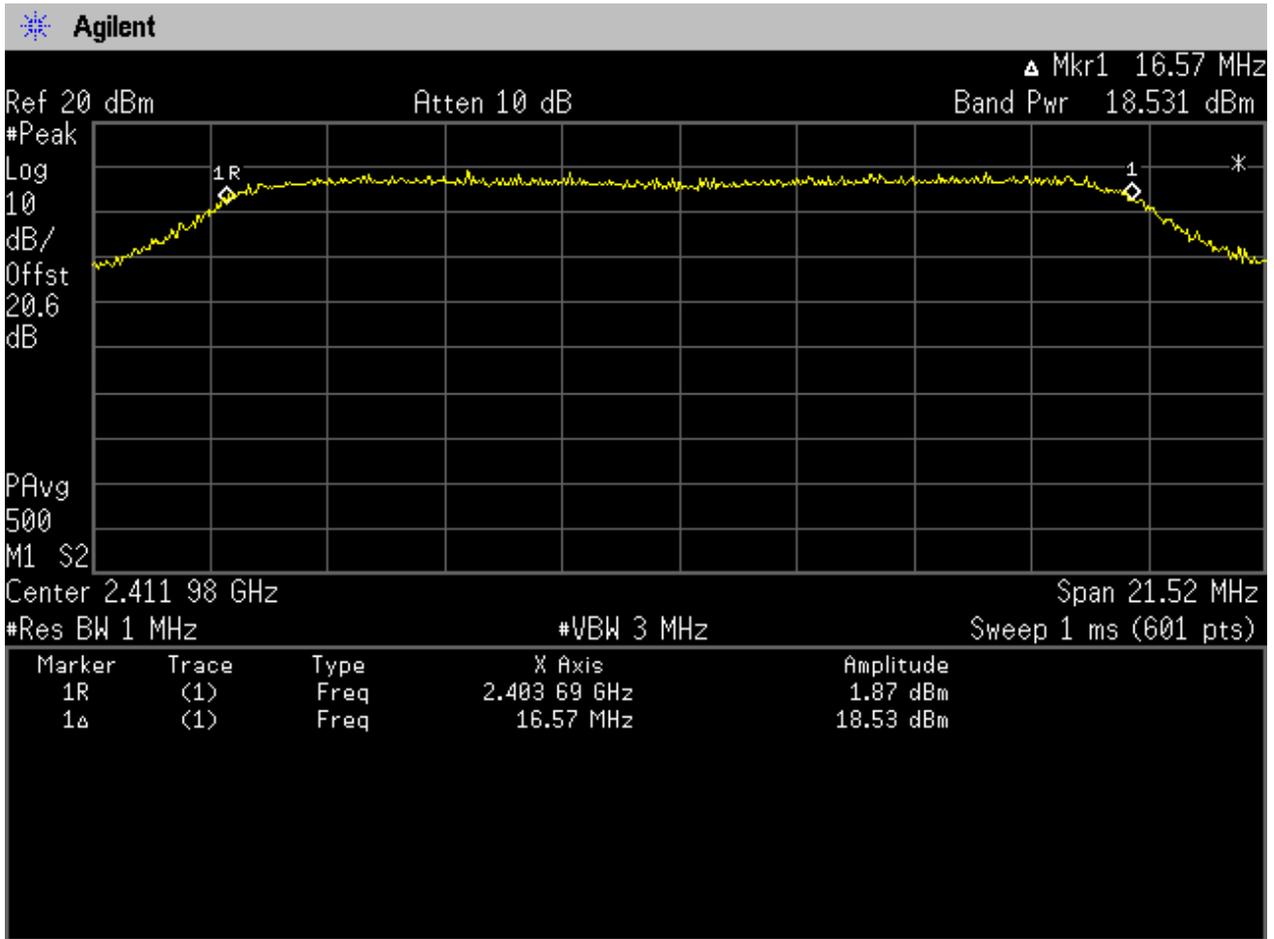


2.1311Gd/6_B@1+2

2.13.1 Ant 1

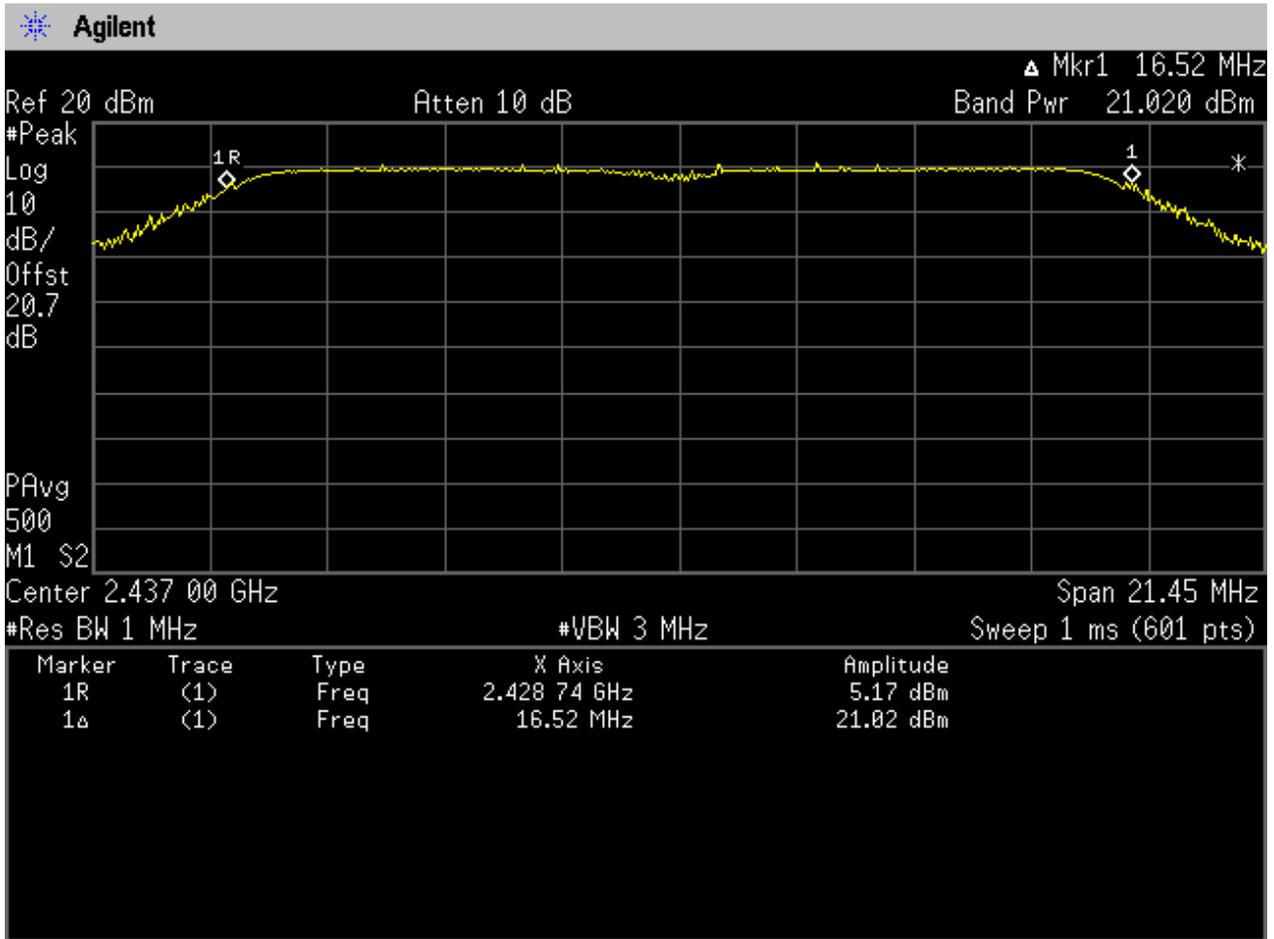


2.13.2 Ant 2

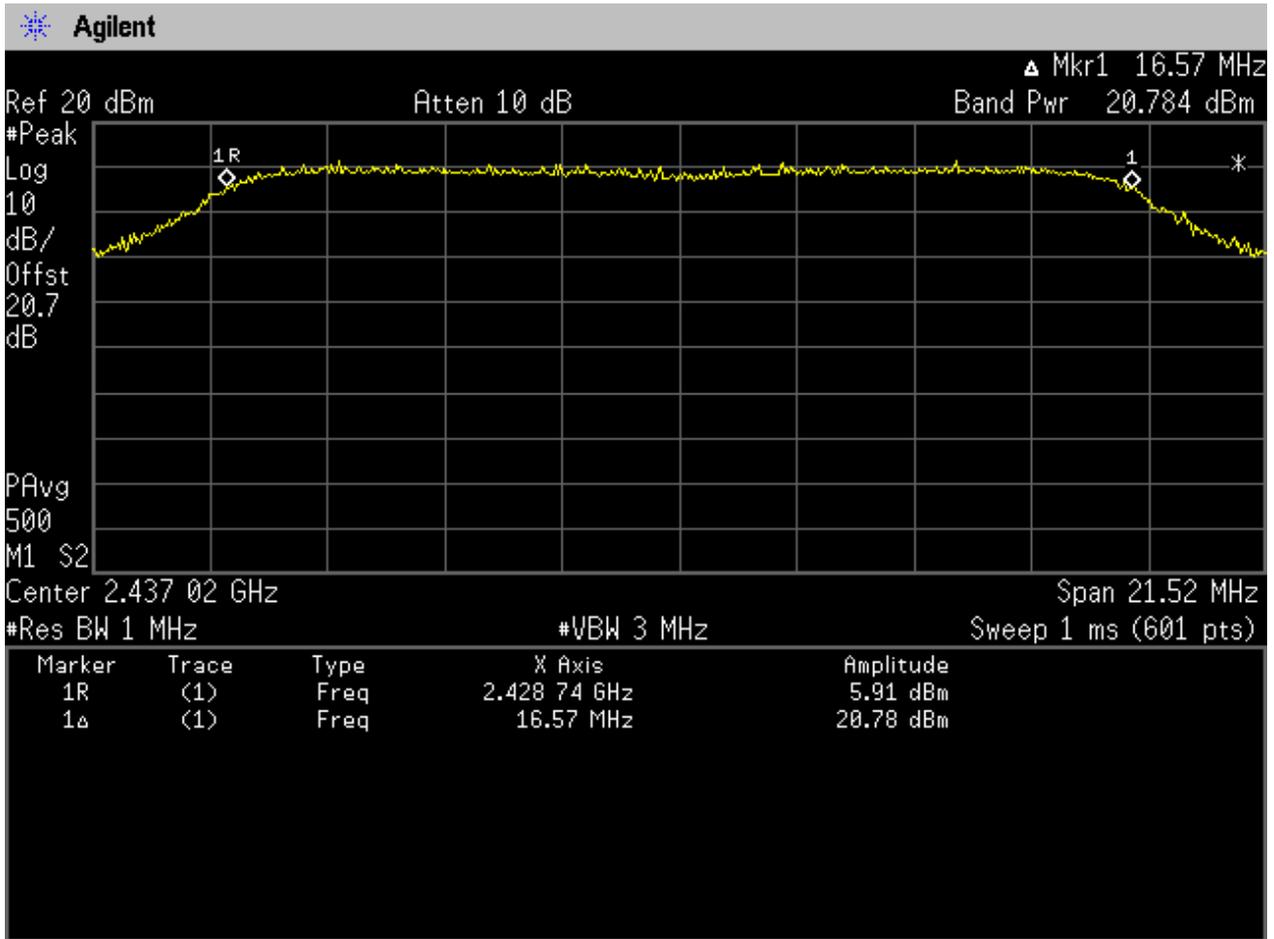


2.1411Gd/6_M@1+2

2.14.1 Ant 1

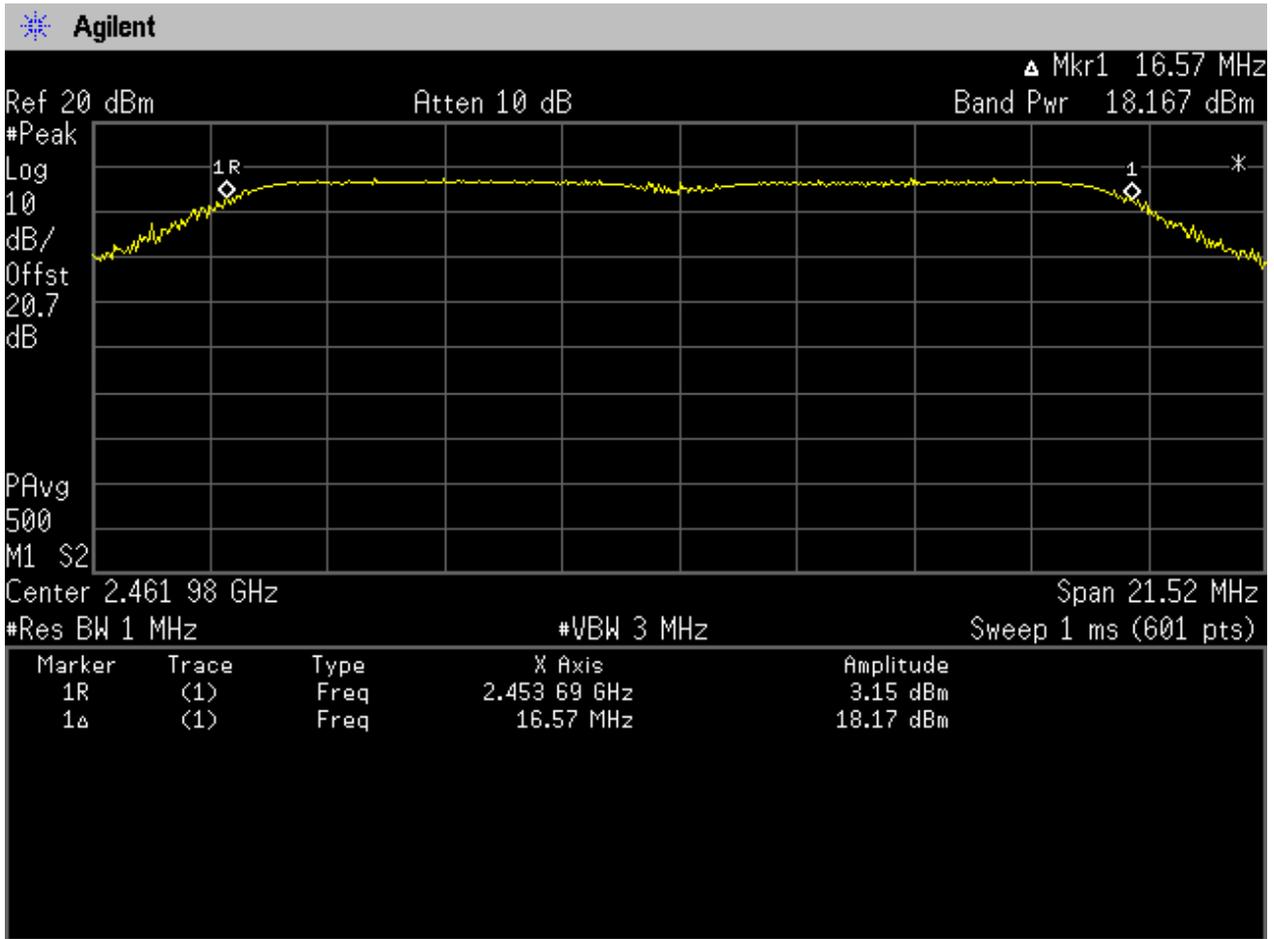


2.14.2 Ant 2

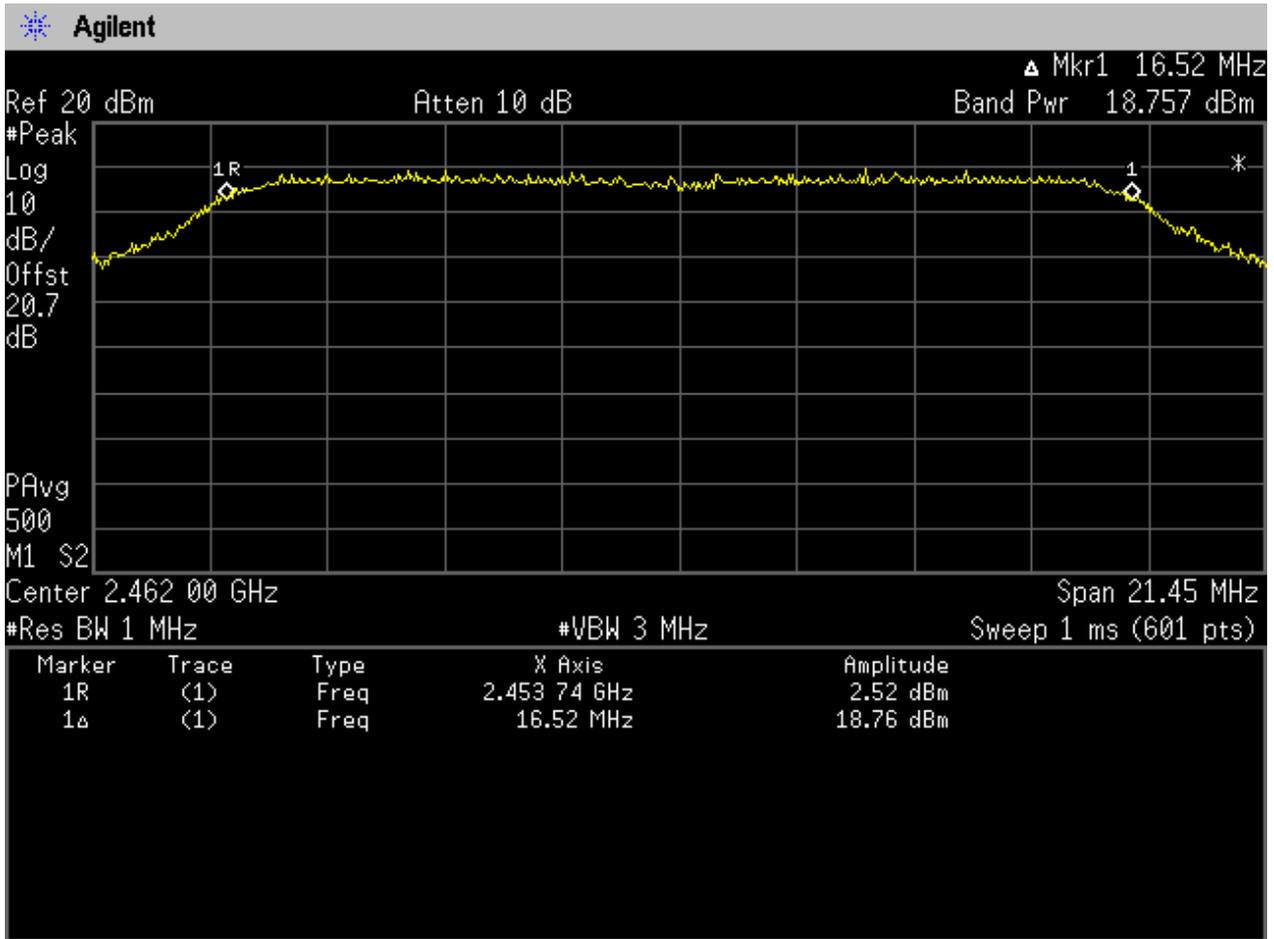


2.1511Gd/6_T@1+2

2.15.1 Ant 1

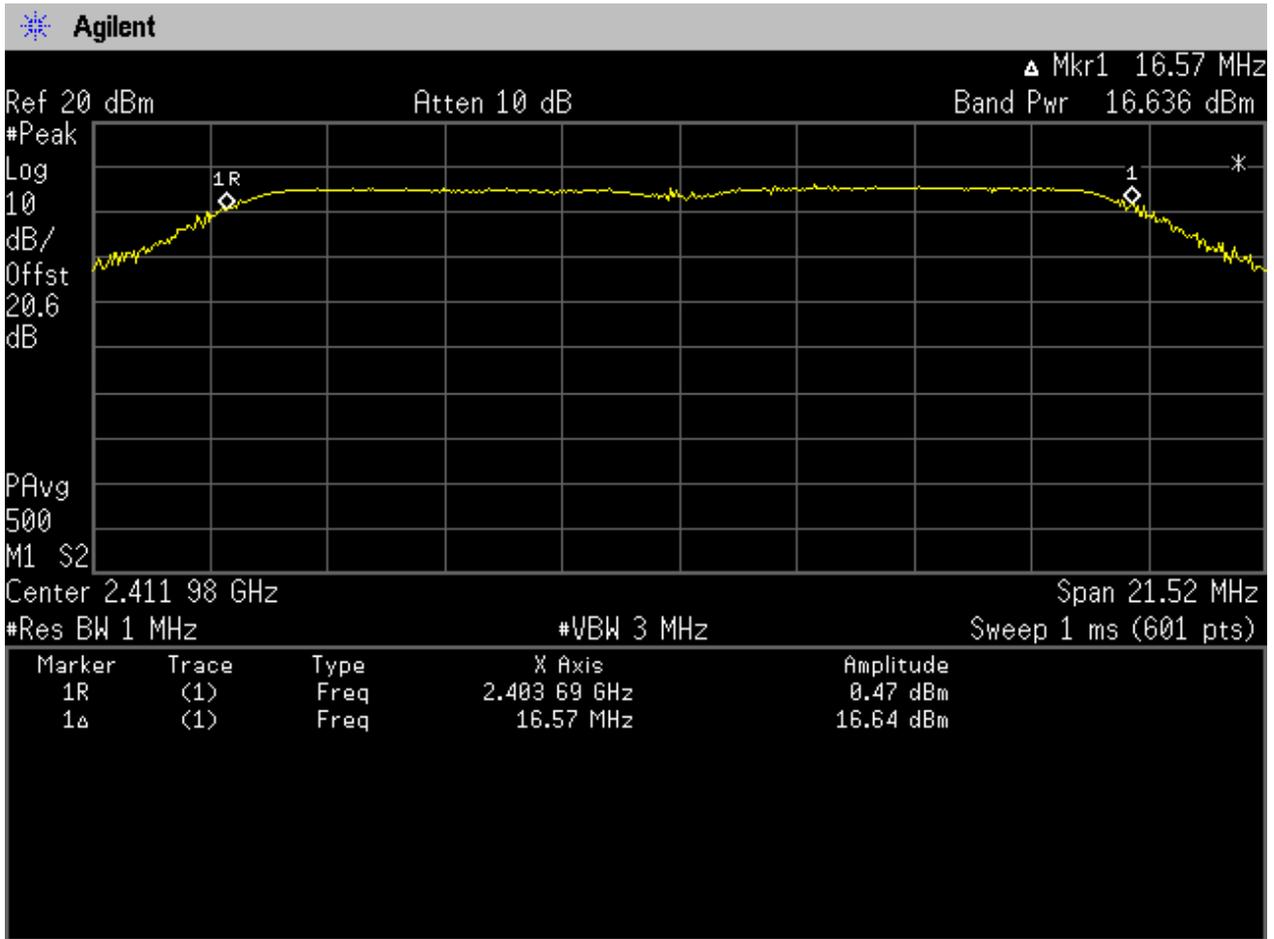


2.15.2 Ant 2

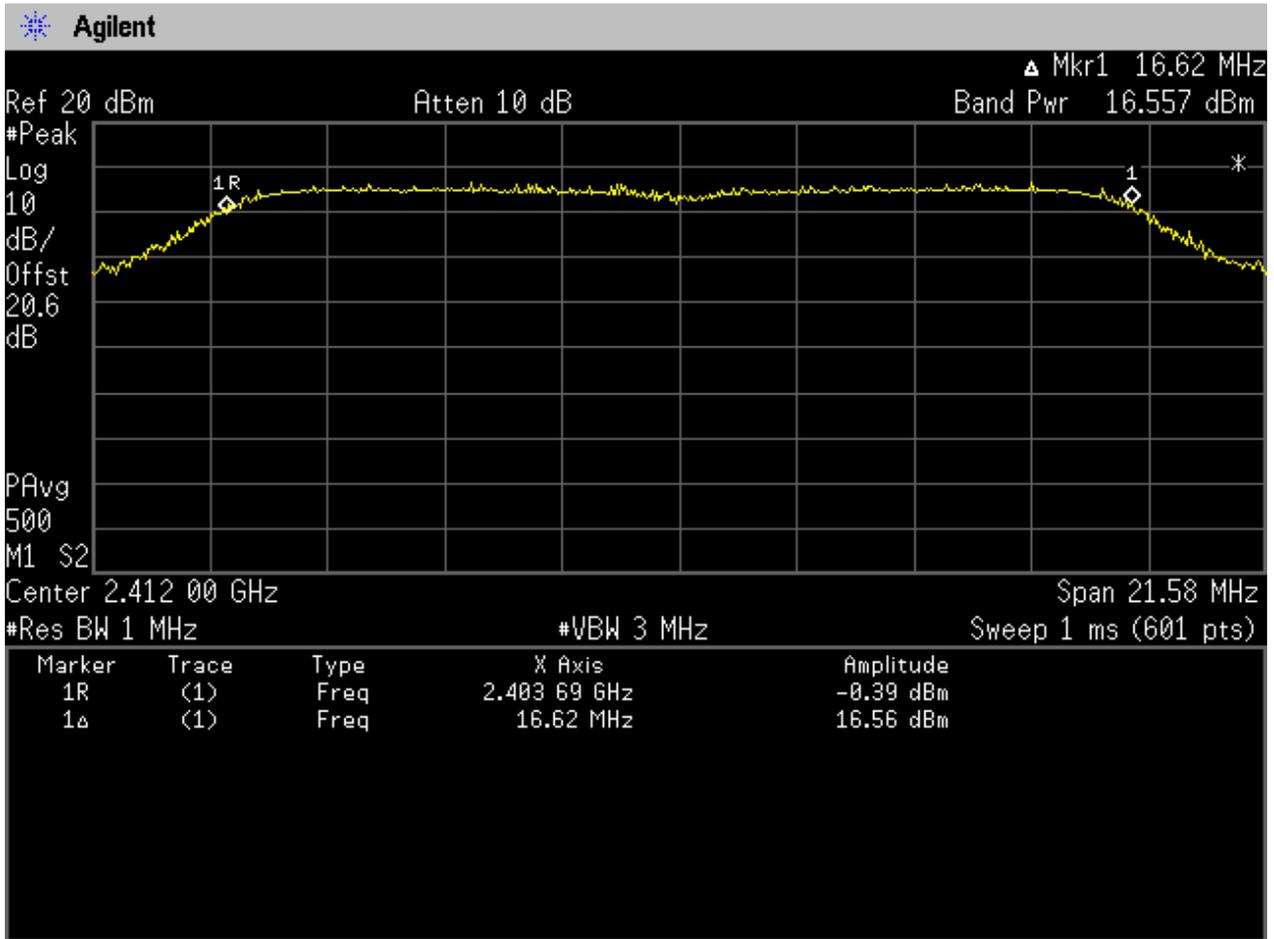


2.1611Gd/6_B@1+2+3

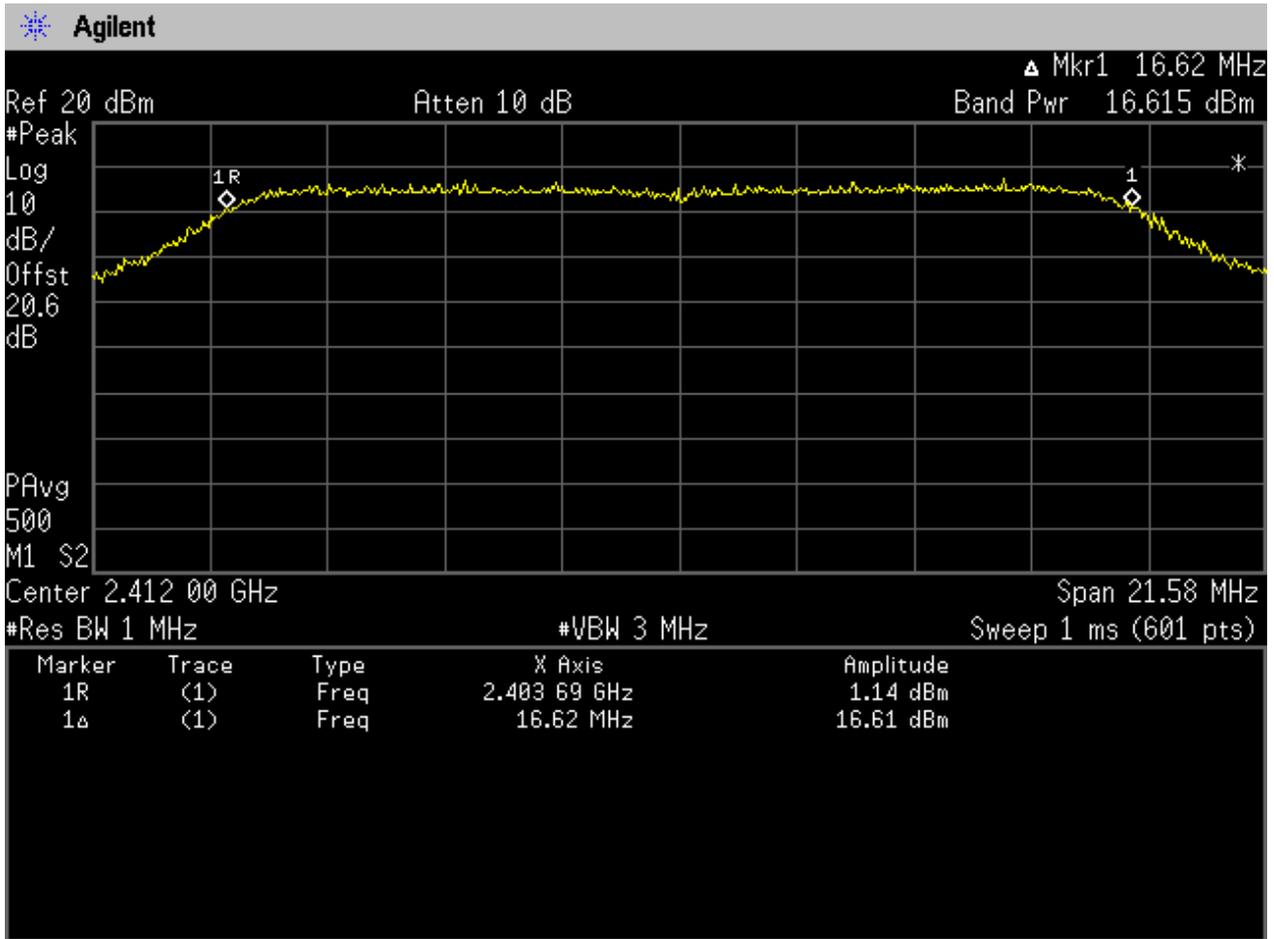
2.16.1 Ant 1



2.16.2 Ant 2

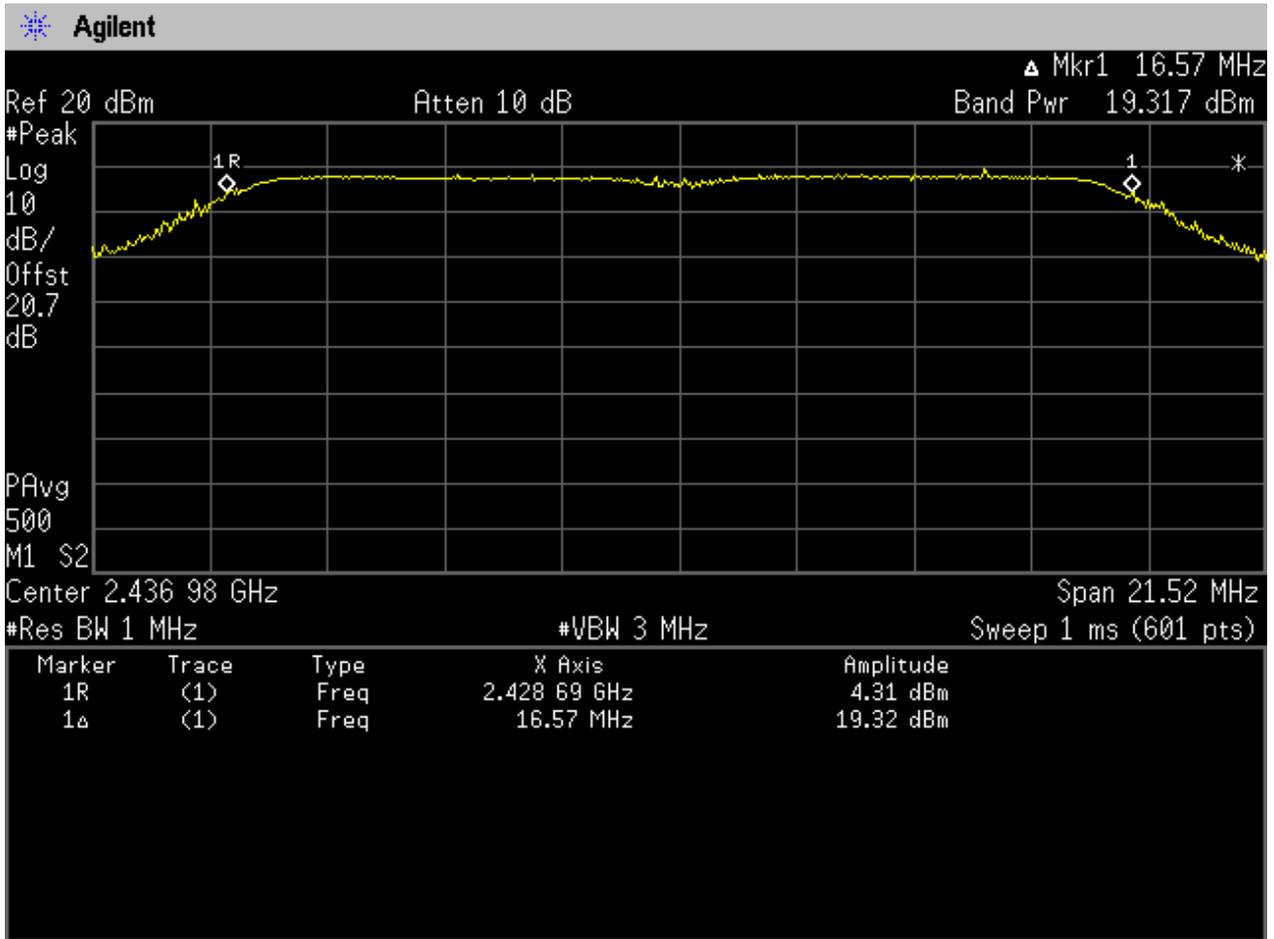


2.16.3 Ant 3

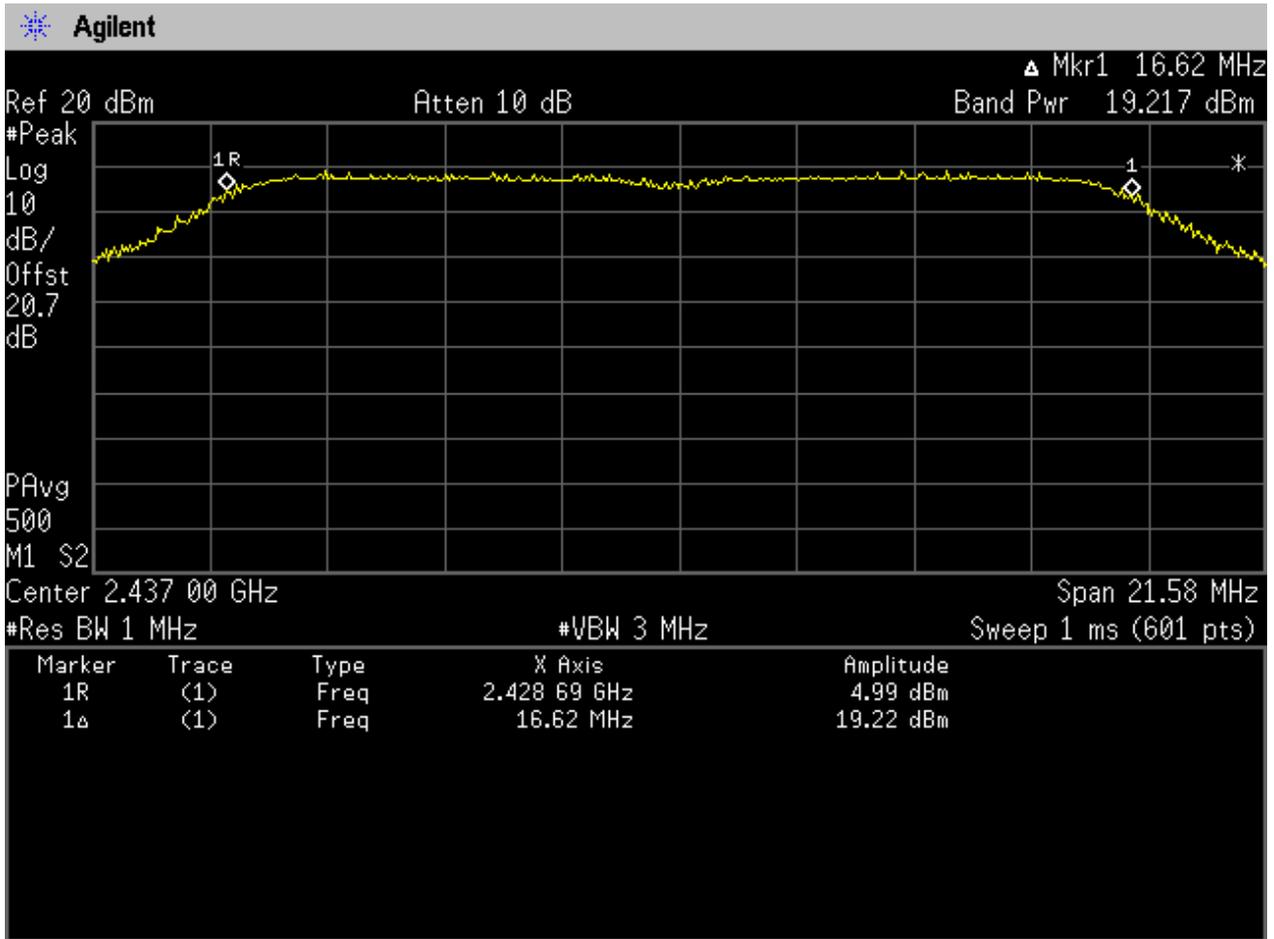


2.1711Gd/6_M@1+2+3

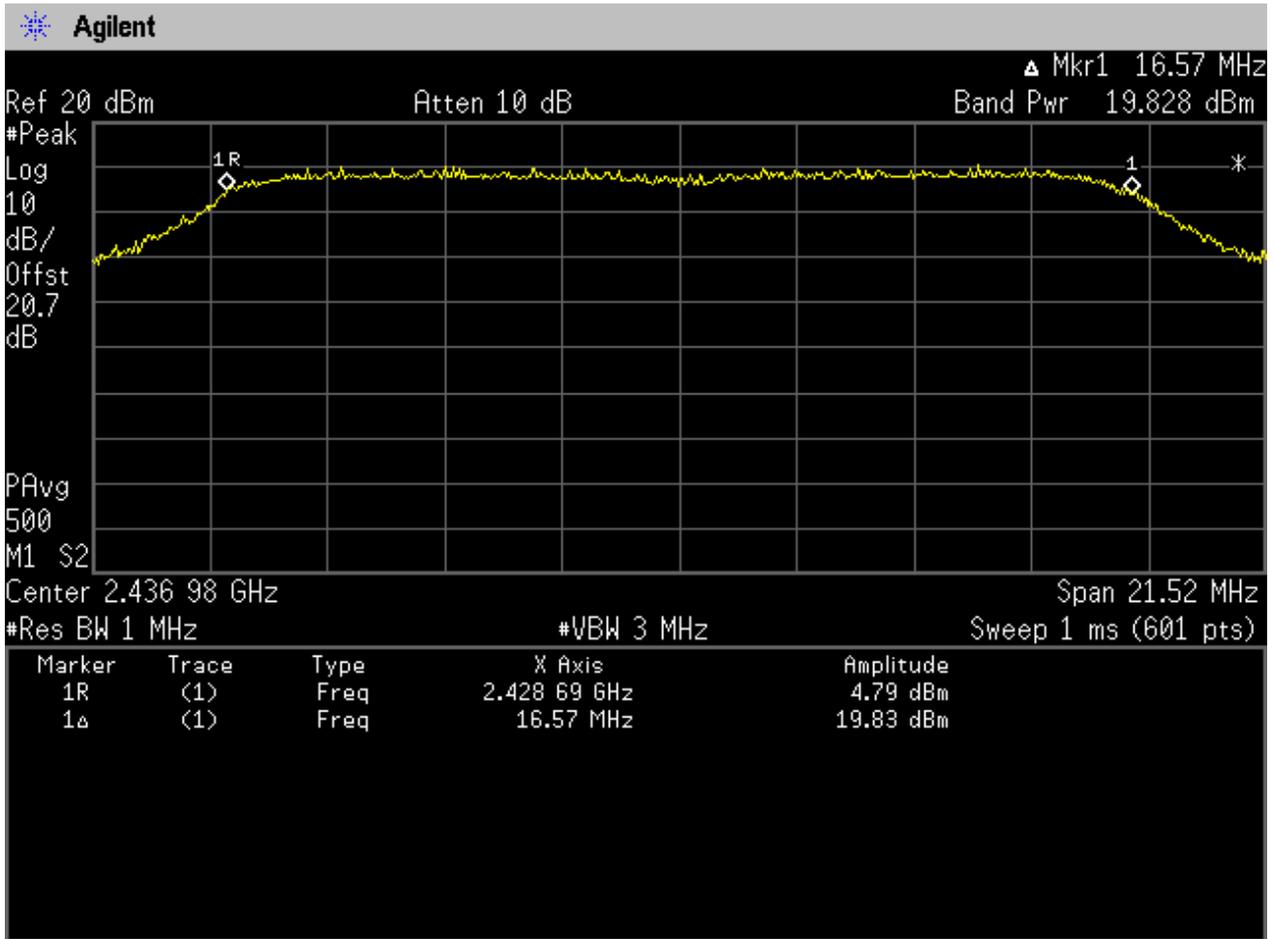
2.17.1 Ant 1



2.17.2 Ant 2

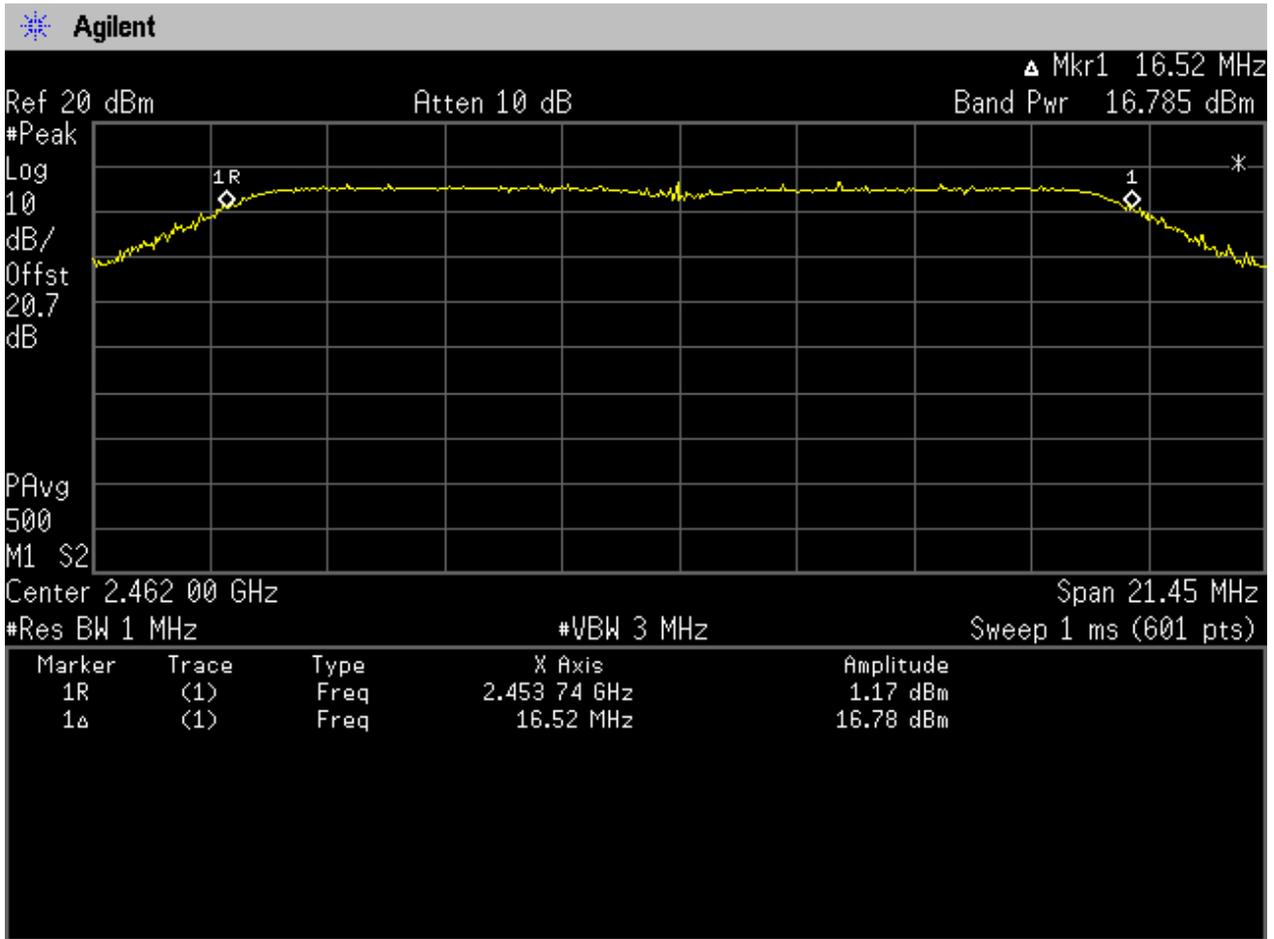


2.17.3 Ant 3

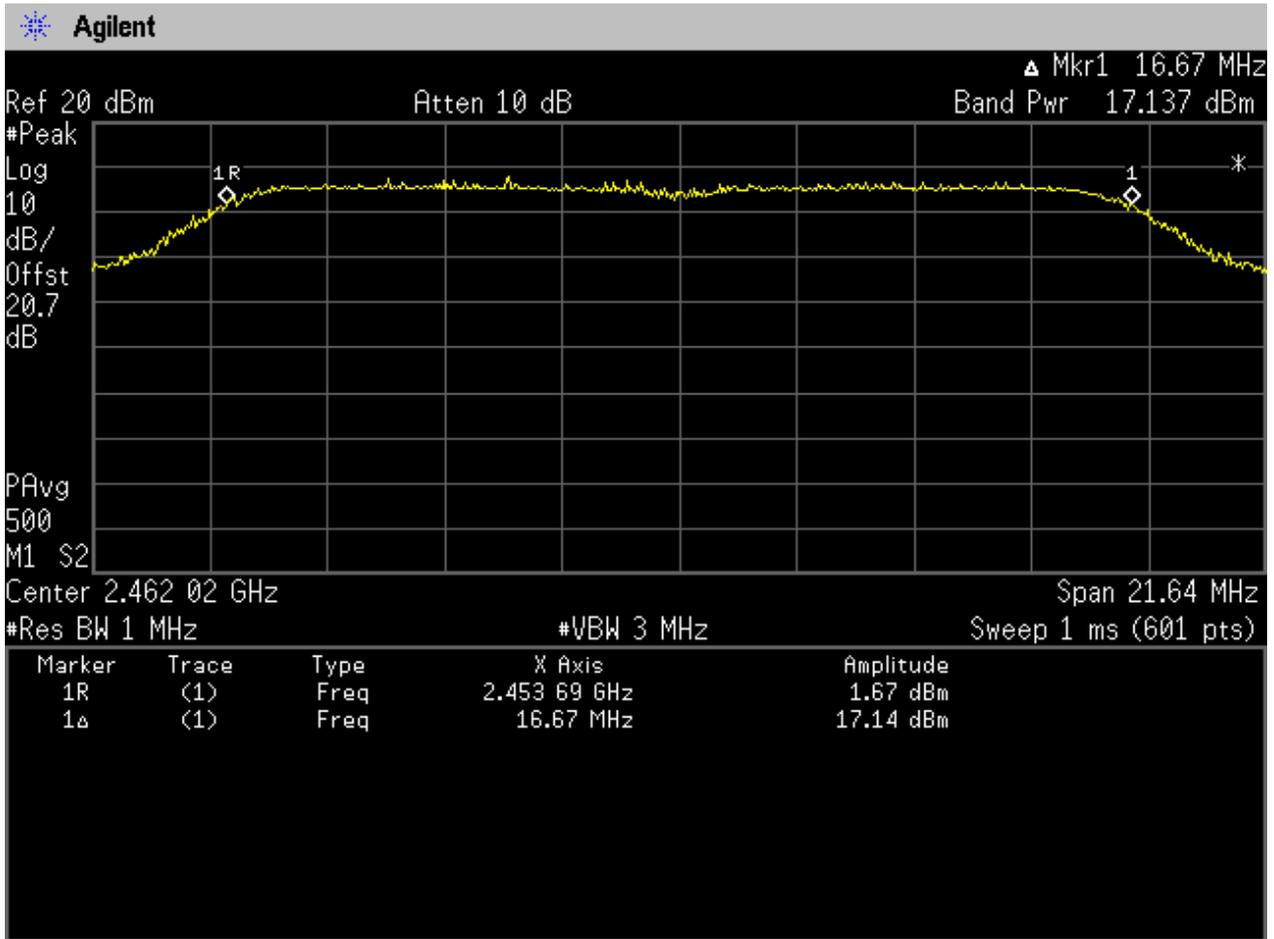


2.1811Gd/6_T@1+2+3

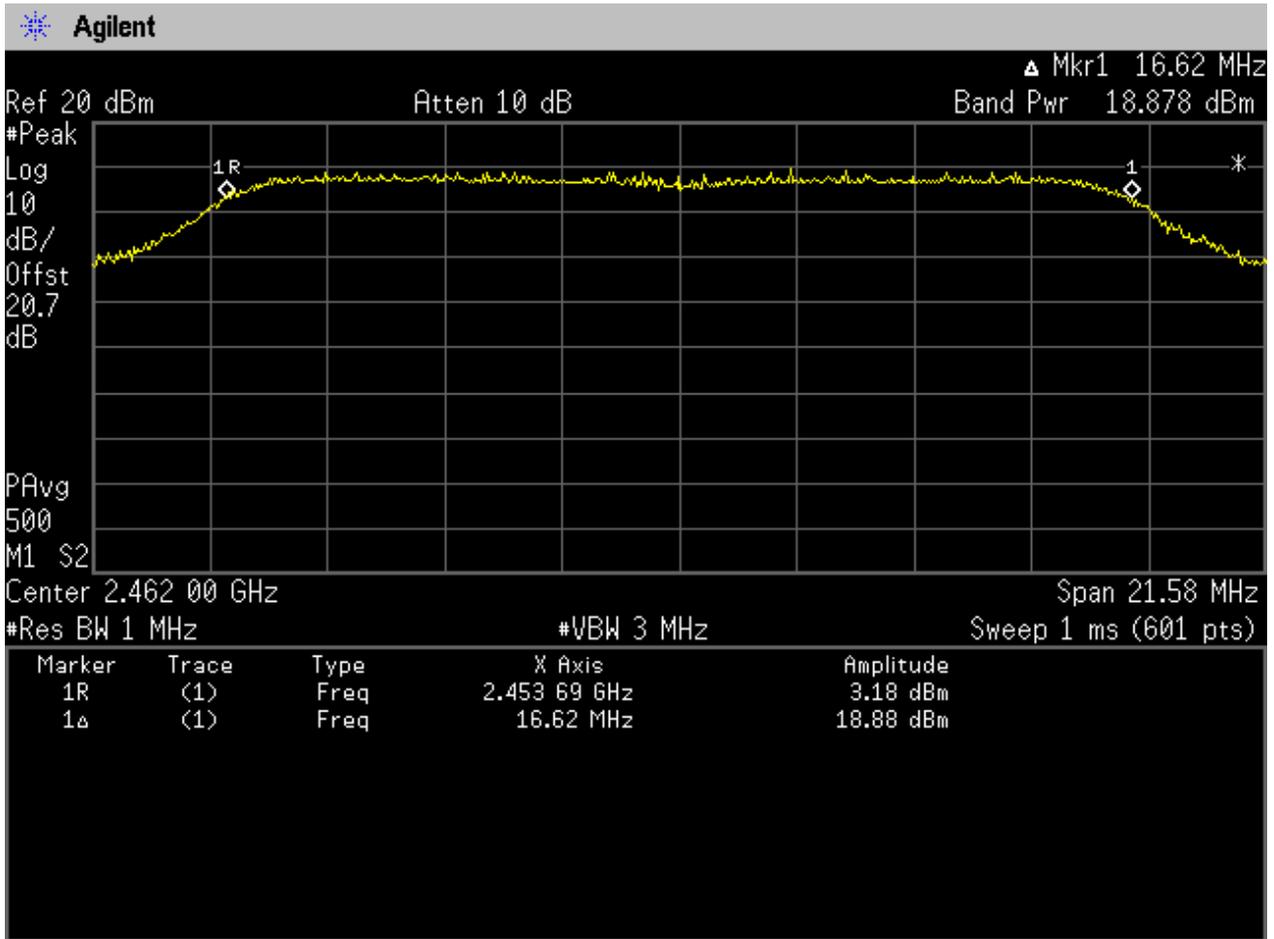
2.18.1 Ant 1



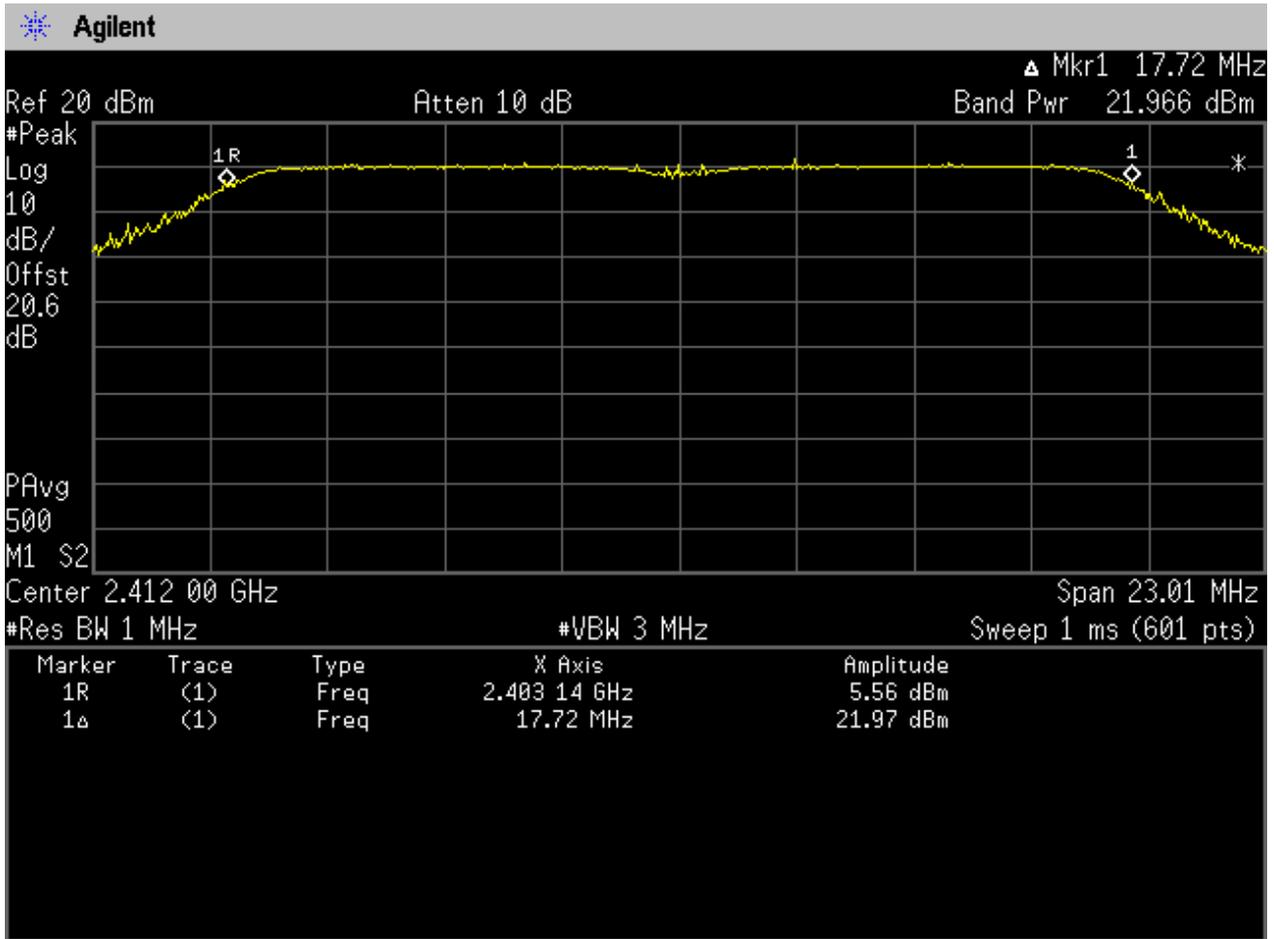
2.18.2 Ant 2



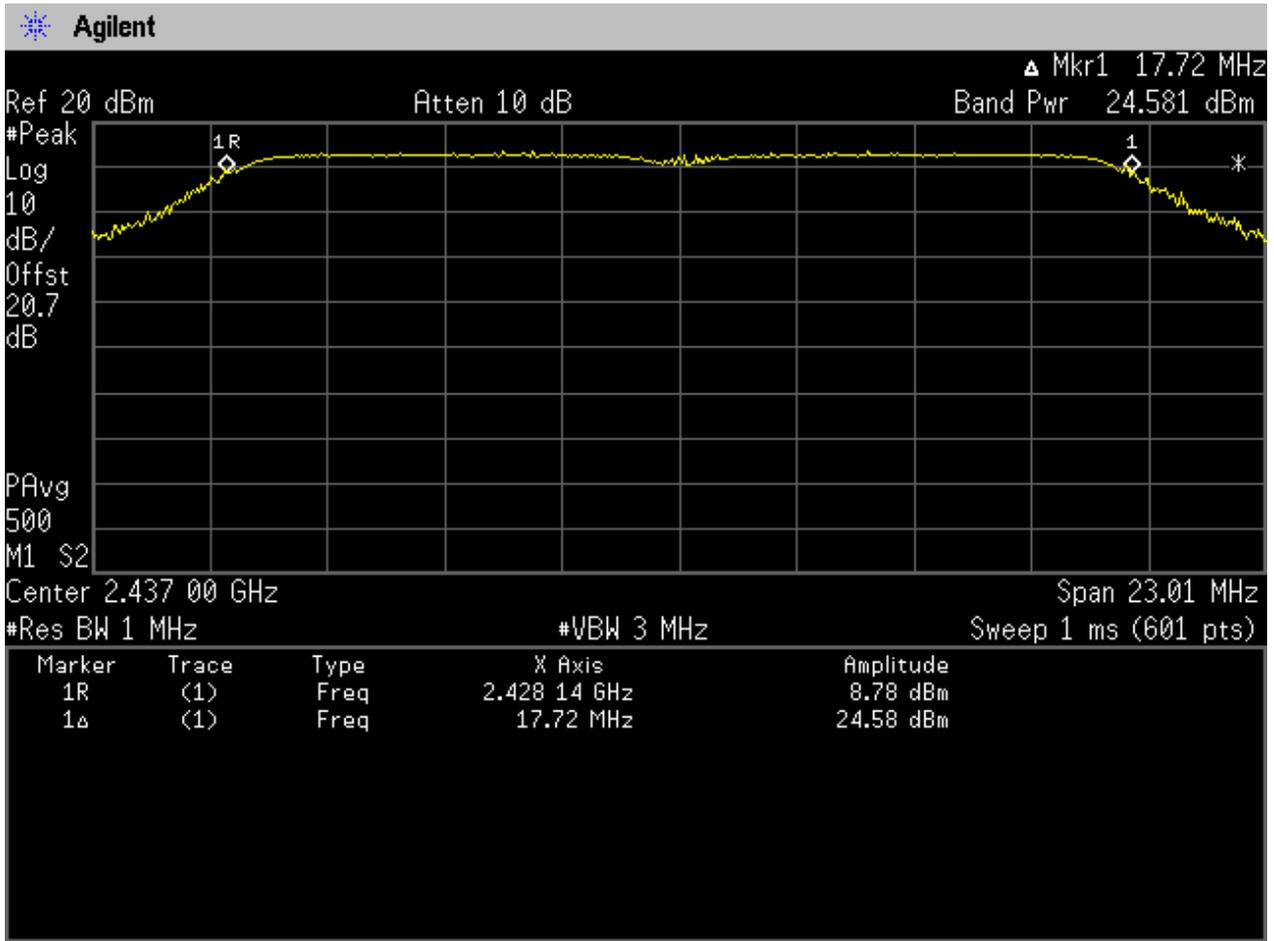
2.18.3 Ant 3



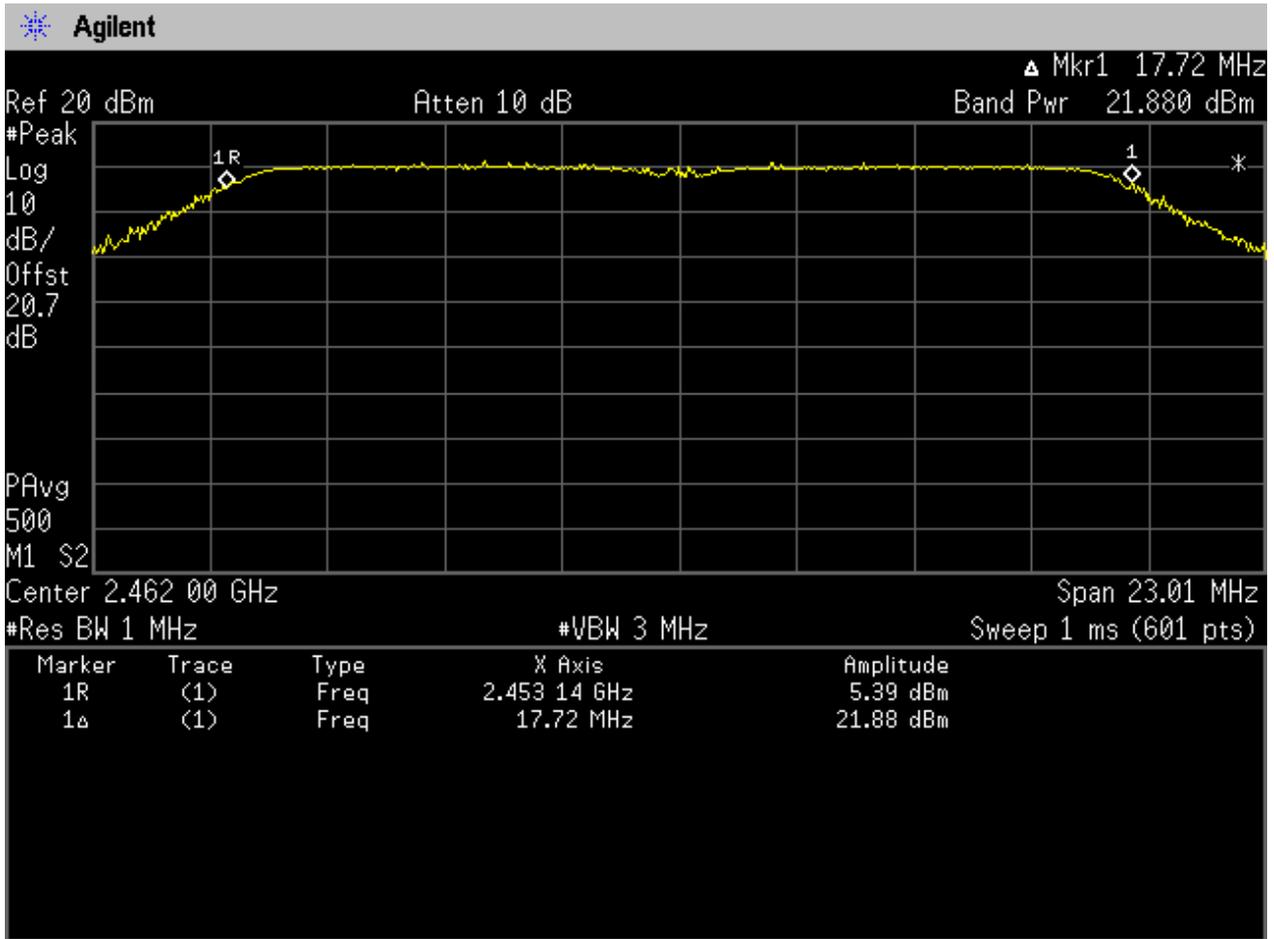
2.1911N20/0_B@2



2.2011N20/0_M@2

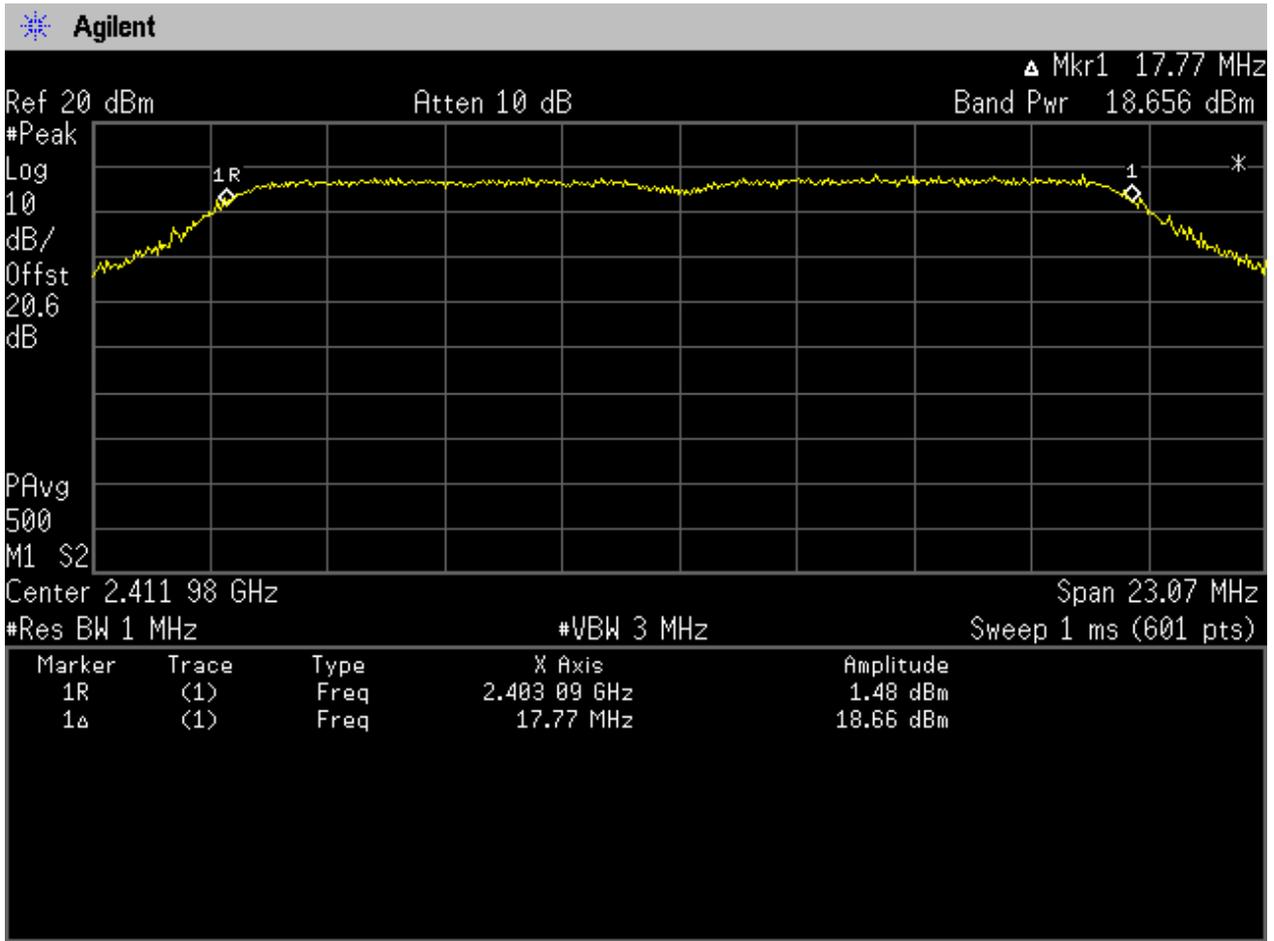


2.2111N20/0_T@2

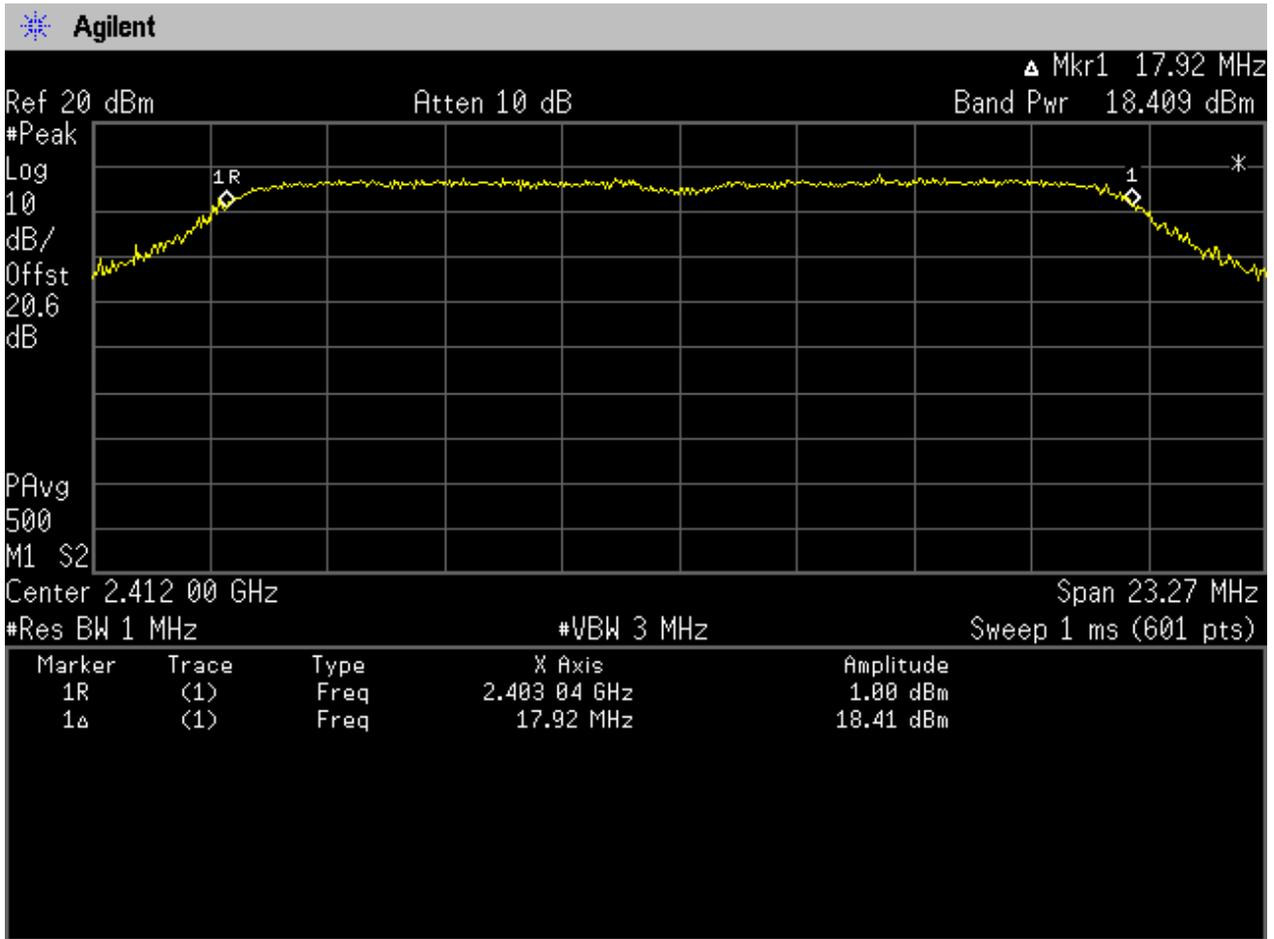


2.2211N20m/8_B@1+2

2.22.1 Ant 1

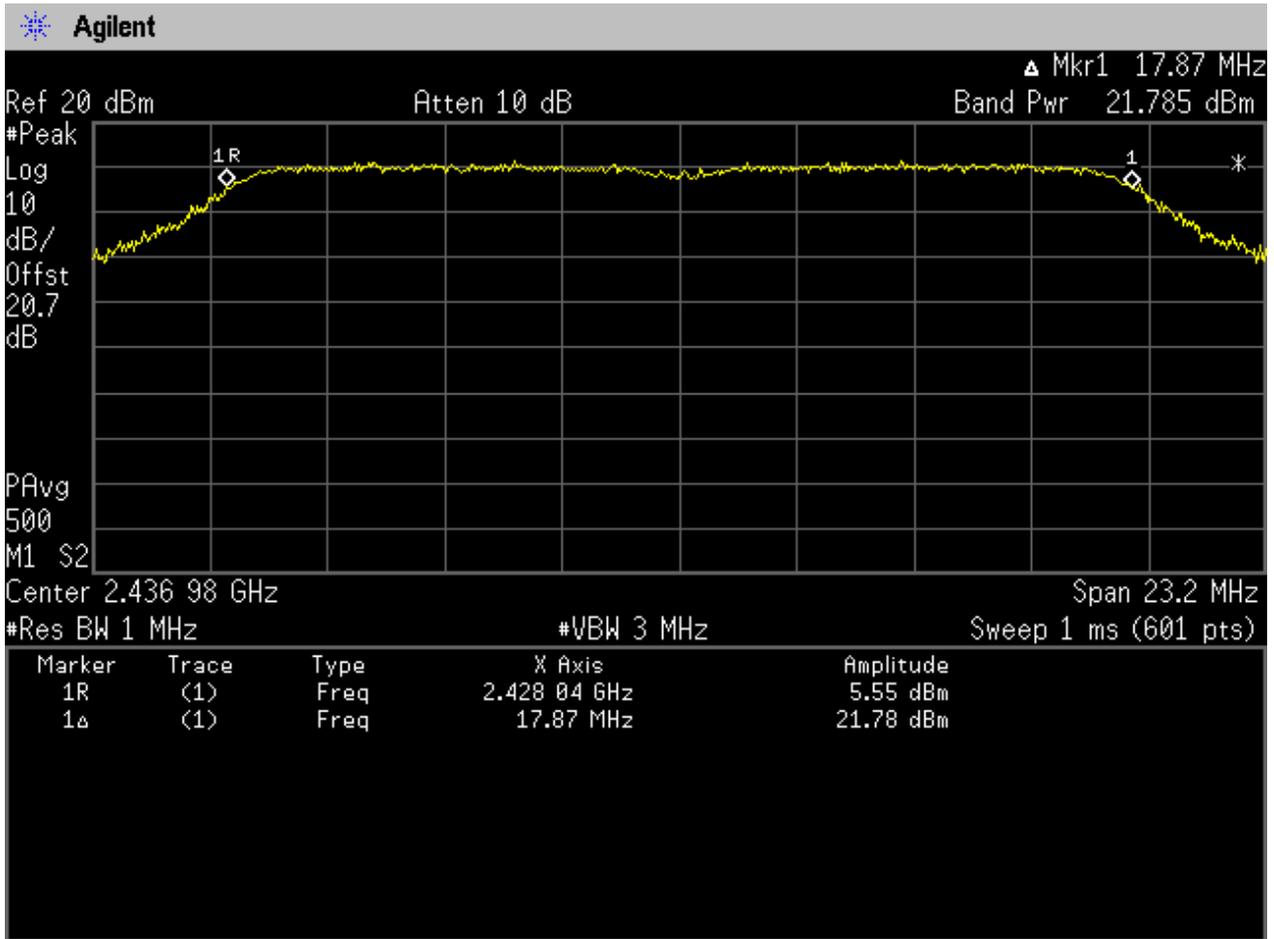


2.22.2 Ant 2

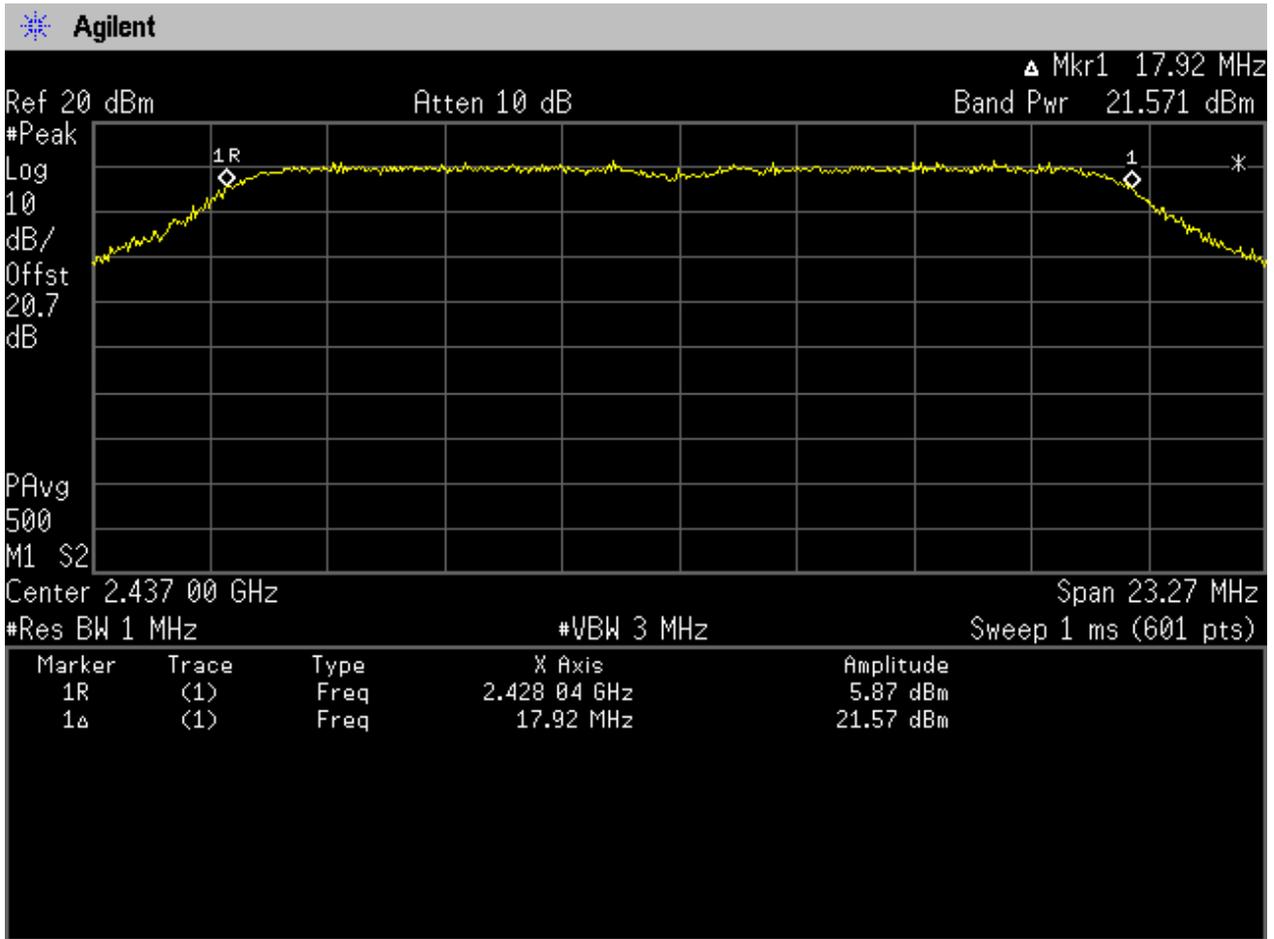


2.2311N20m/8_M@1+2

2.23.1 Ant 1

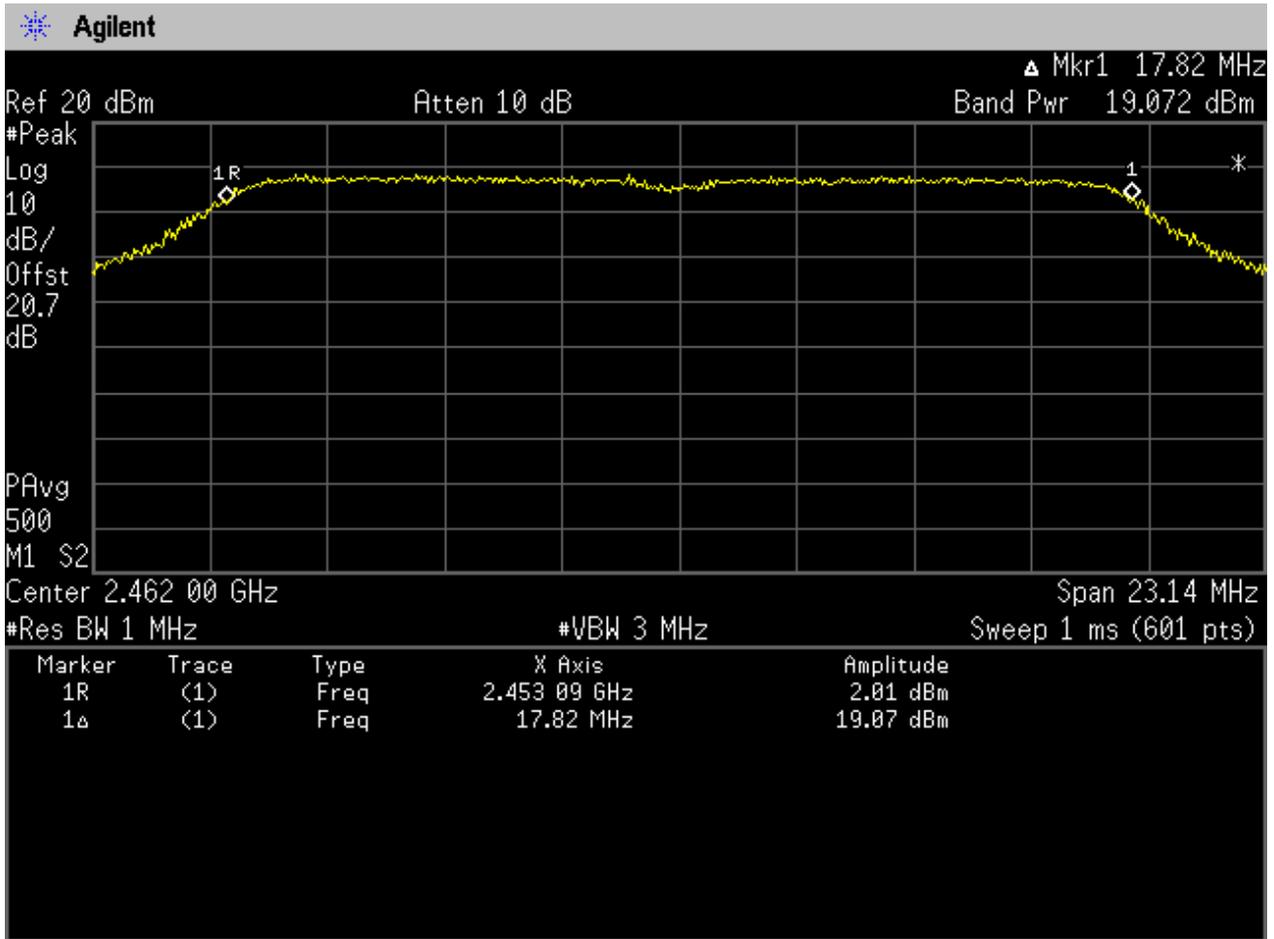


2.23.2 Ant 2

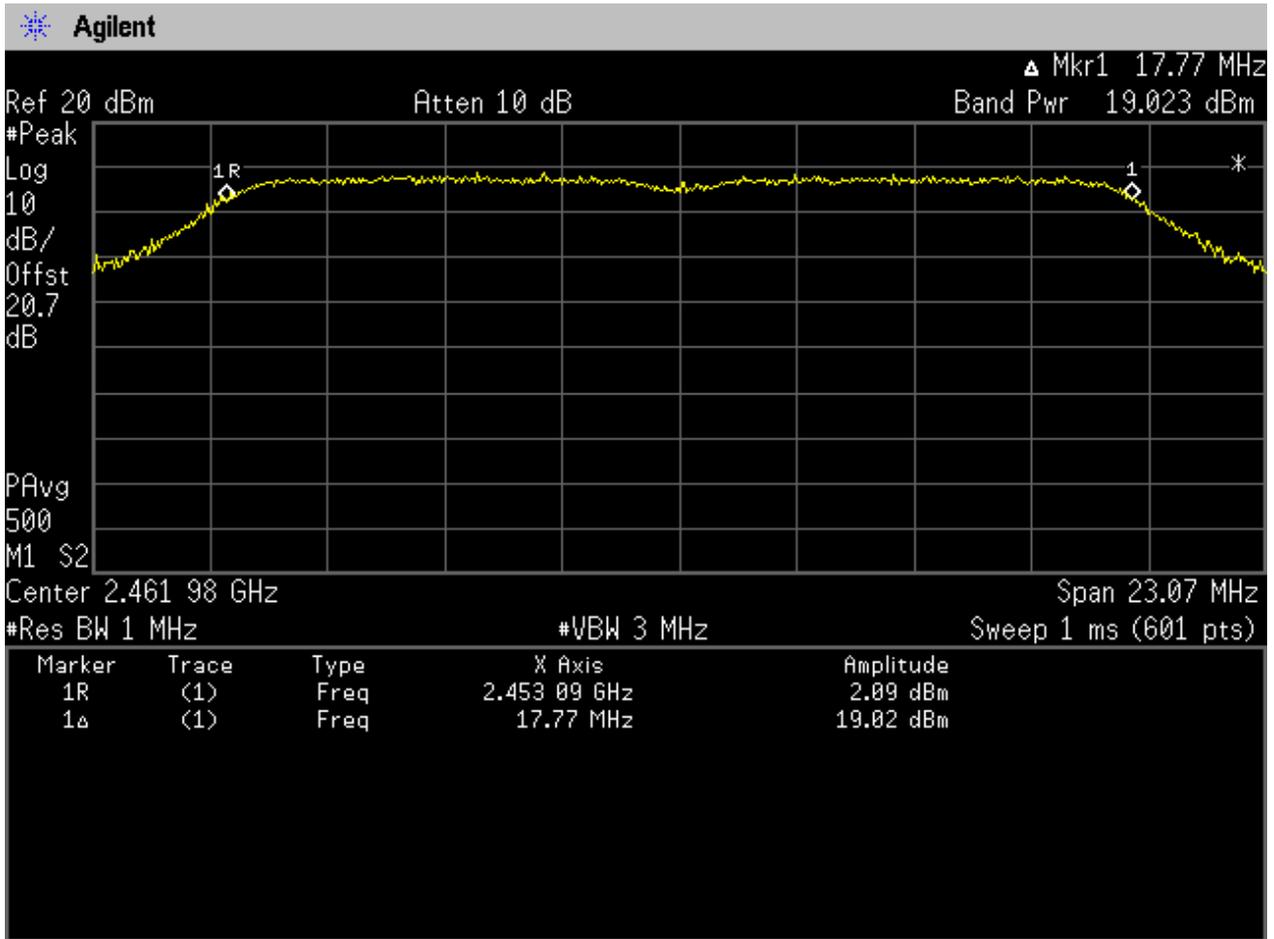


2.2411N20m/8_T@1+2

2.24.1 Ant 1

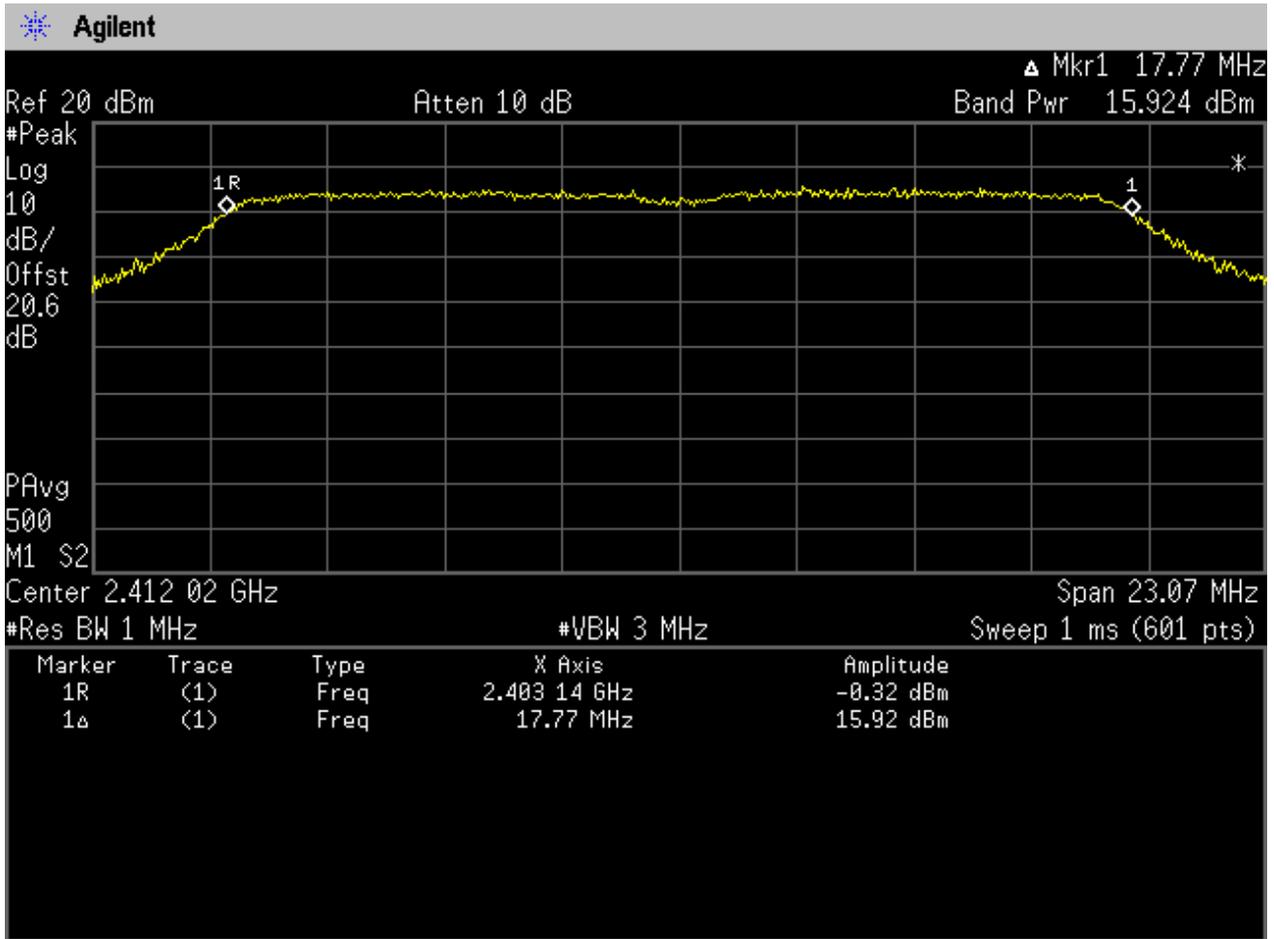


2.24.2 Ant 2

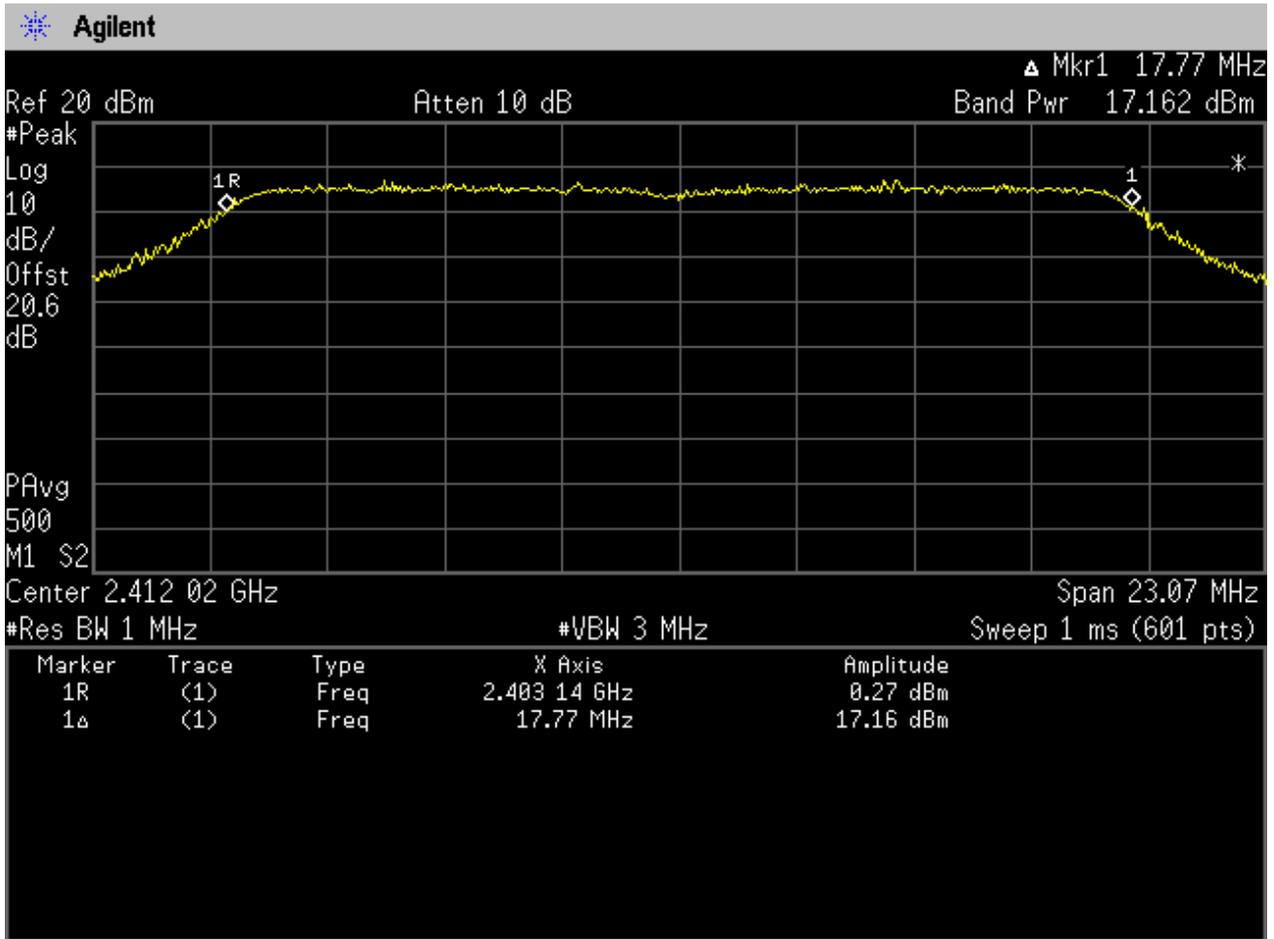


2.2511N20m/16_B@1+2+3

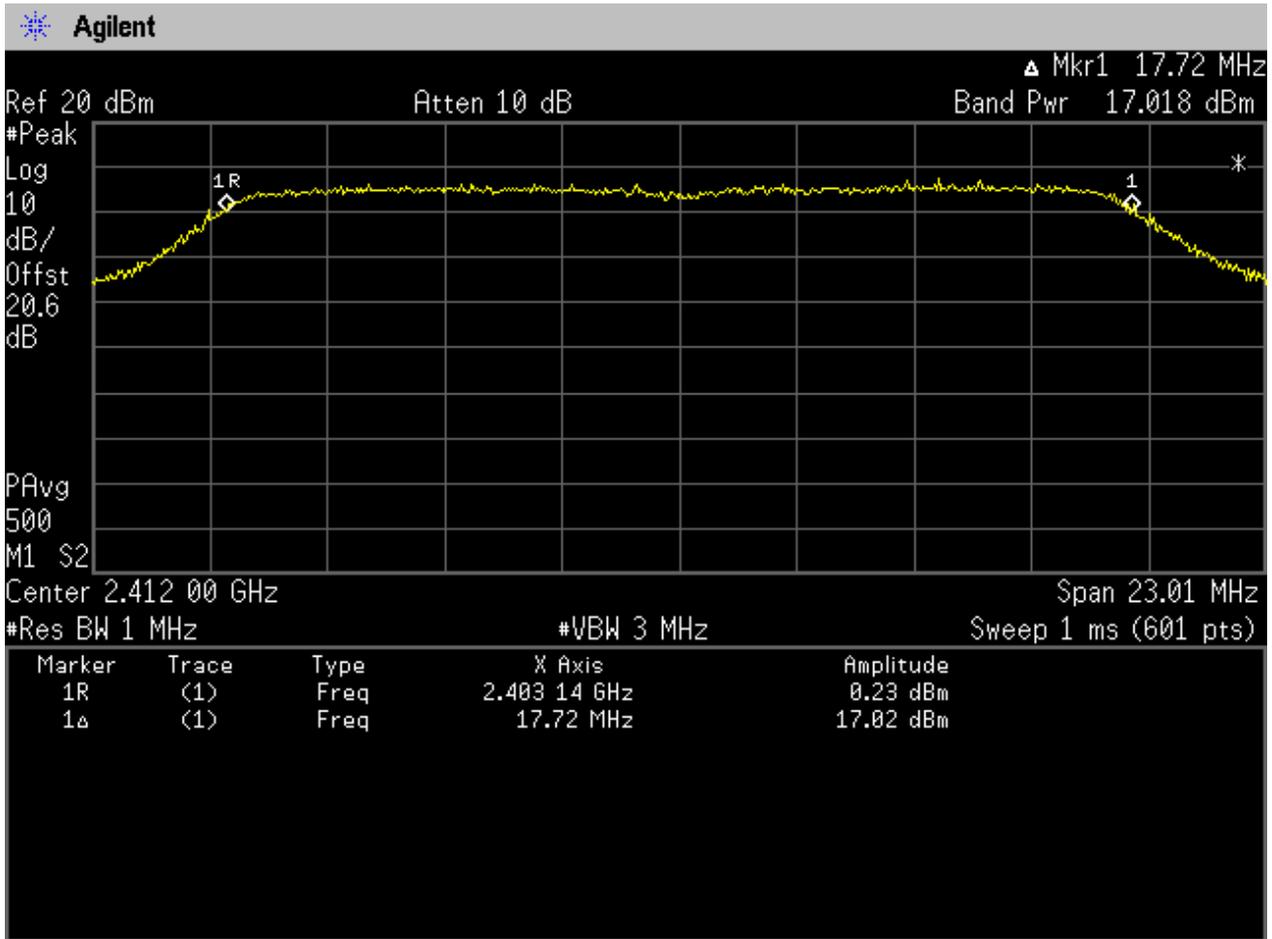
2.25.1 Ant 1



2.25.2 Ant 2

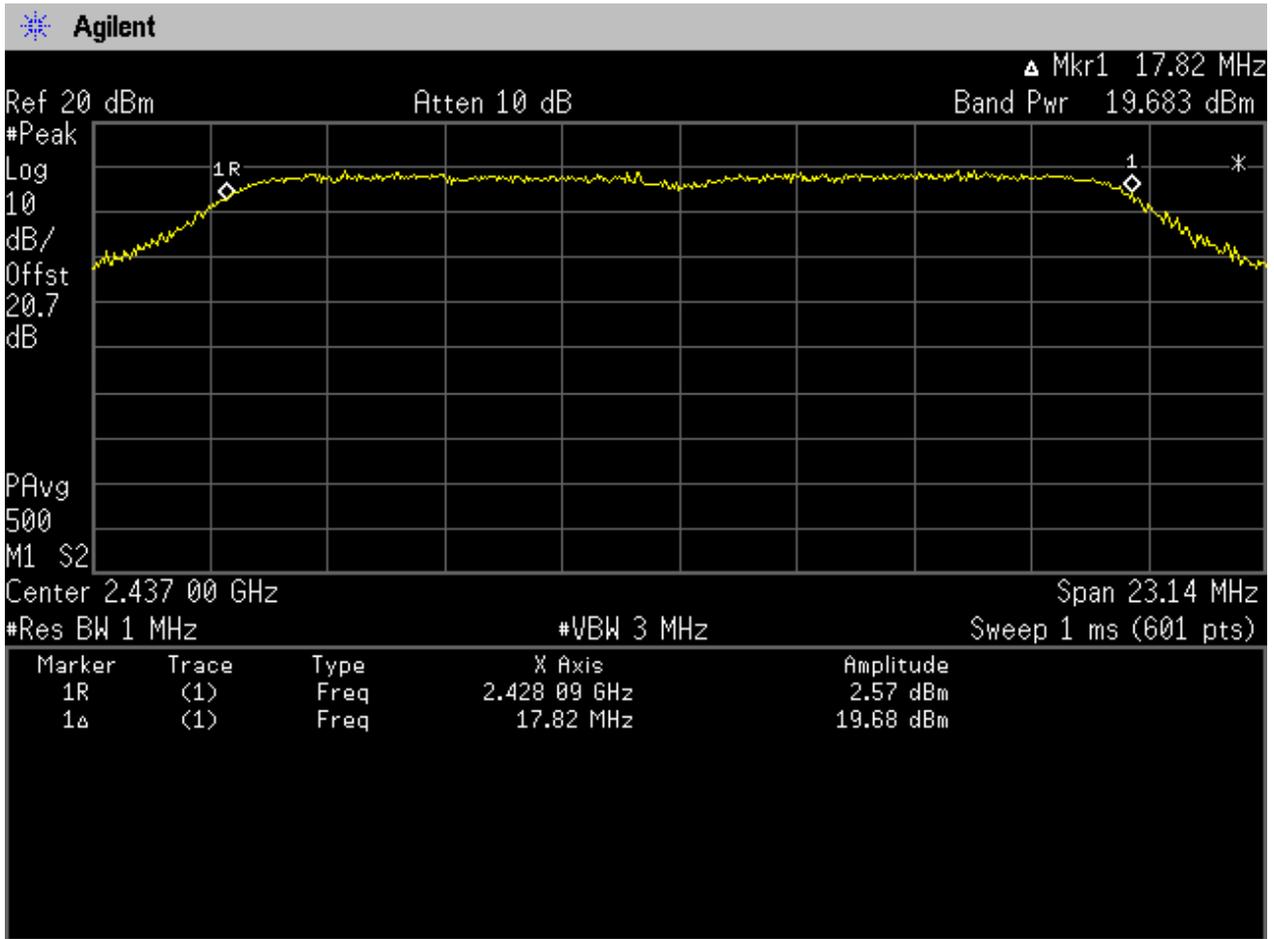


2.25.3 Ant 3

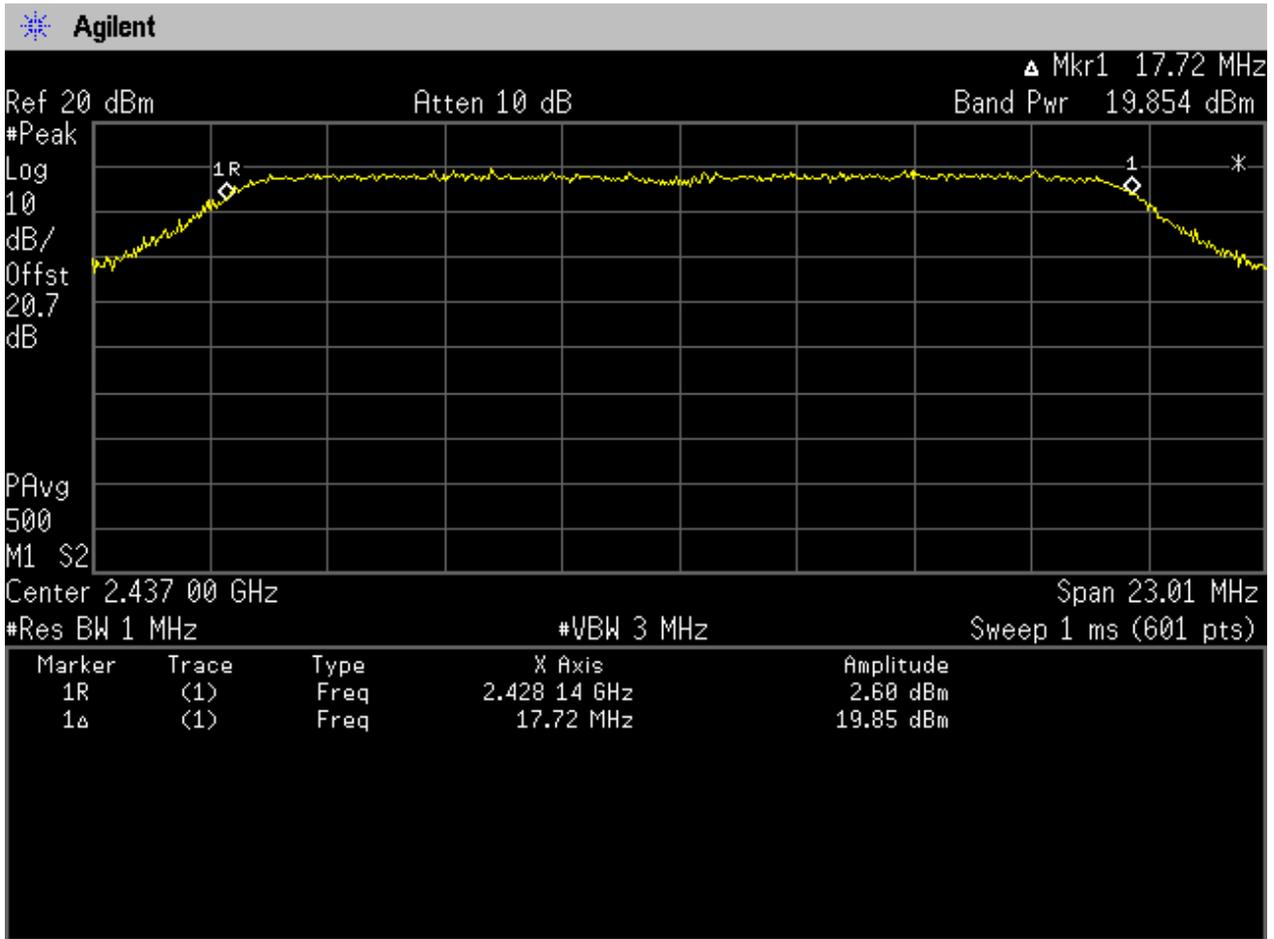


2.2611N20m/16_M@1+2+3

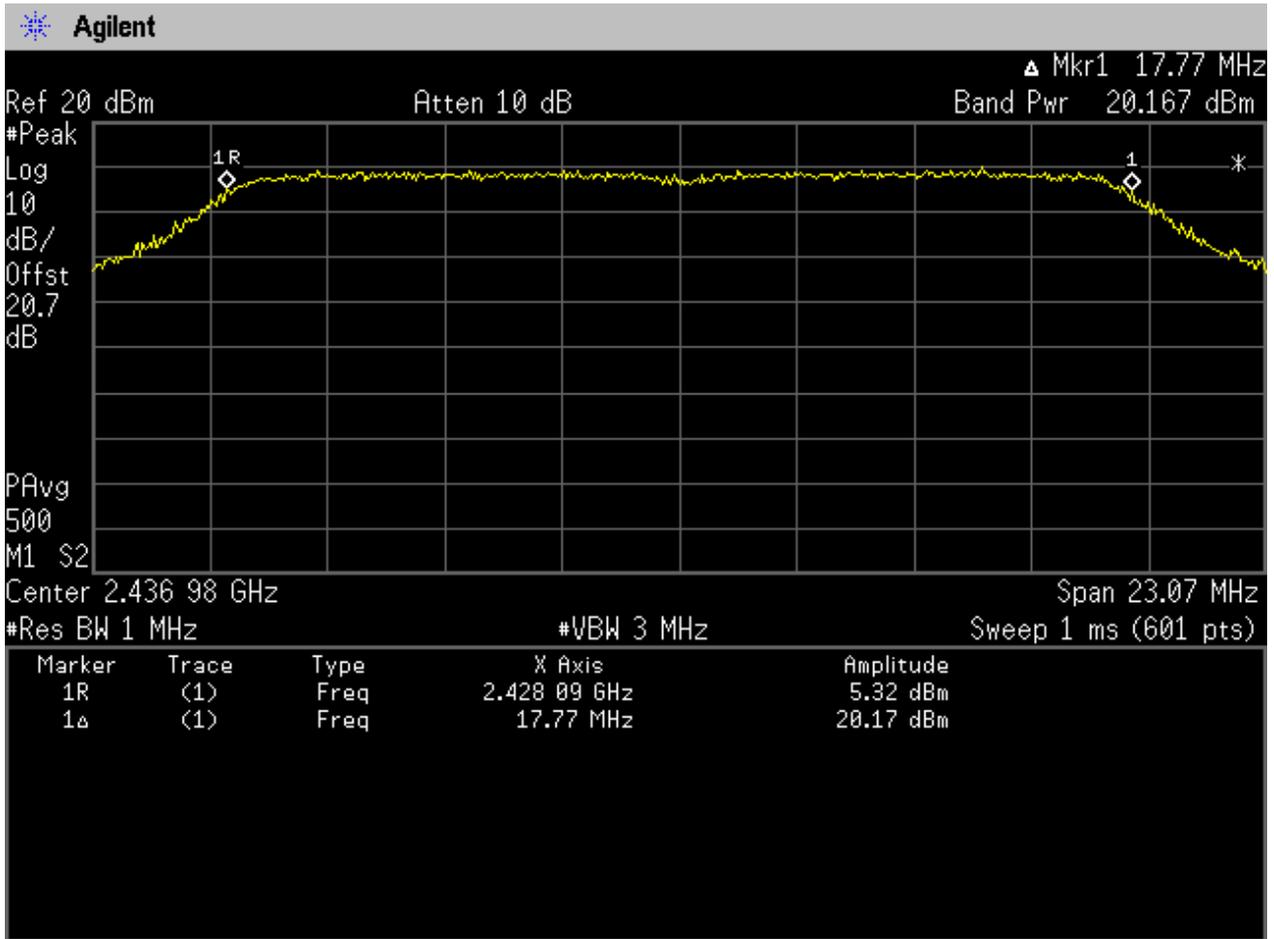
2.26.1 Ant 1



2.26.2 Ant 2

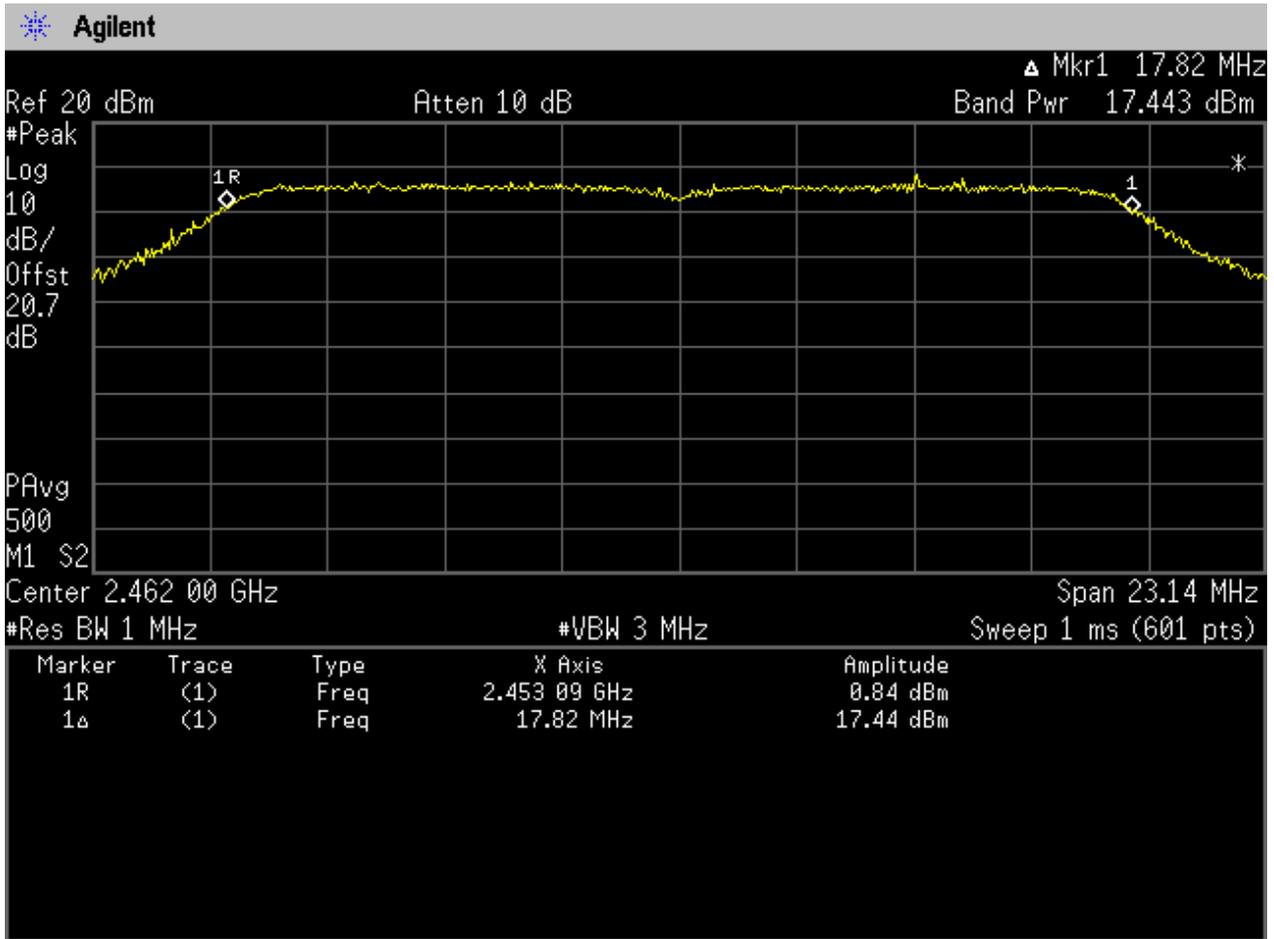


2.26.3 Ant 3

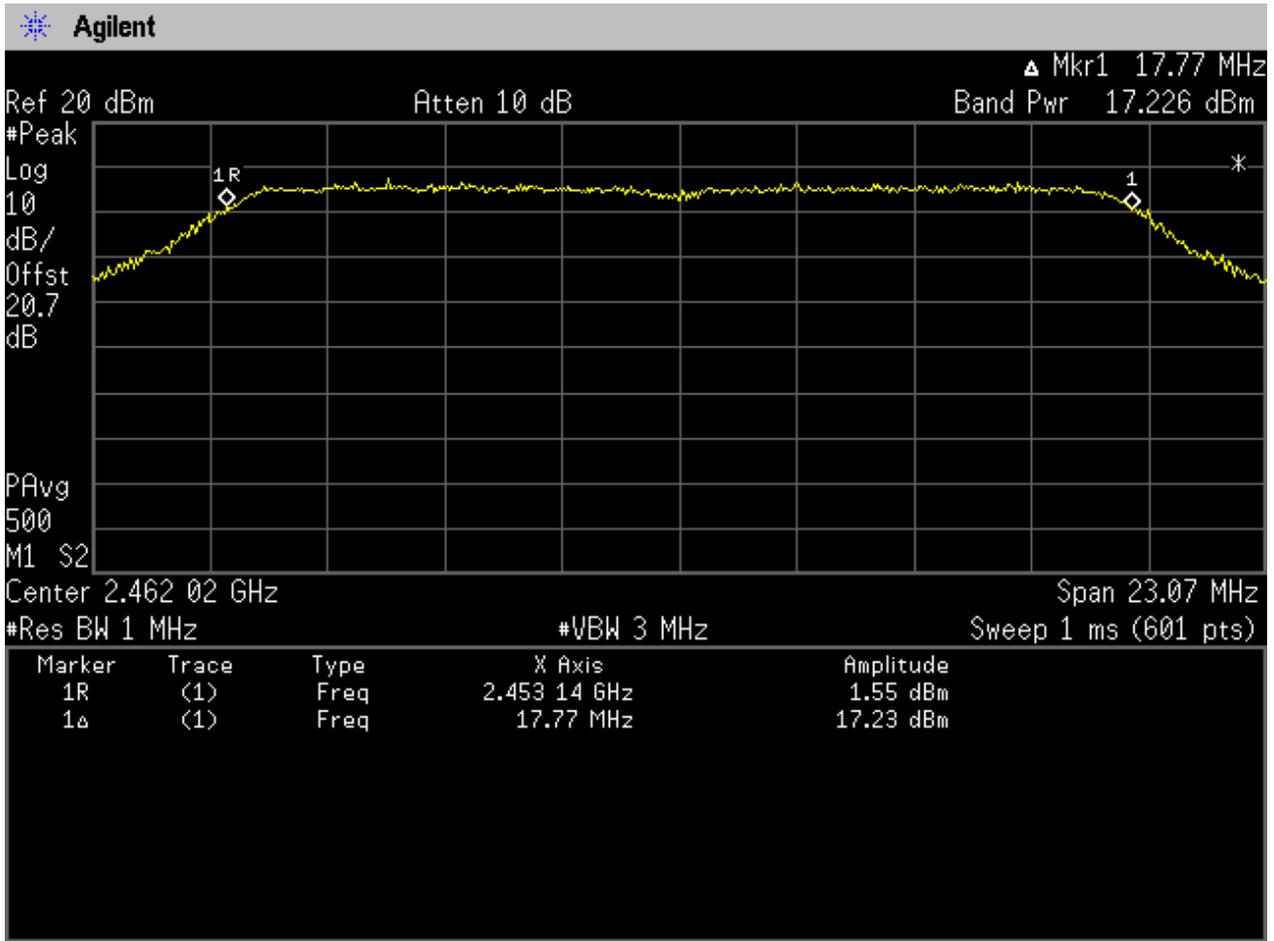


2.2711N20m/16_T@1+2+3

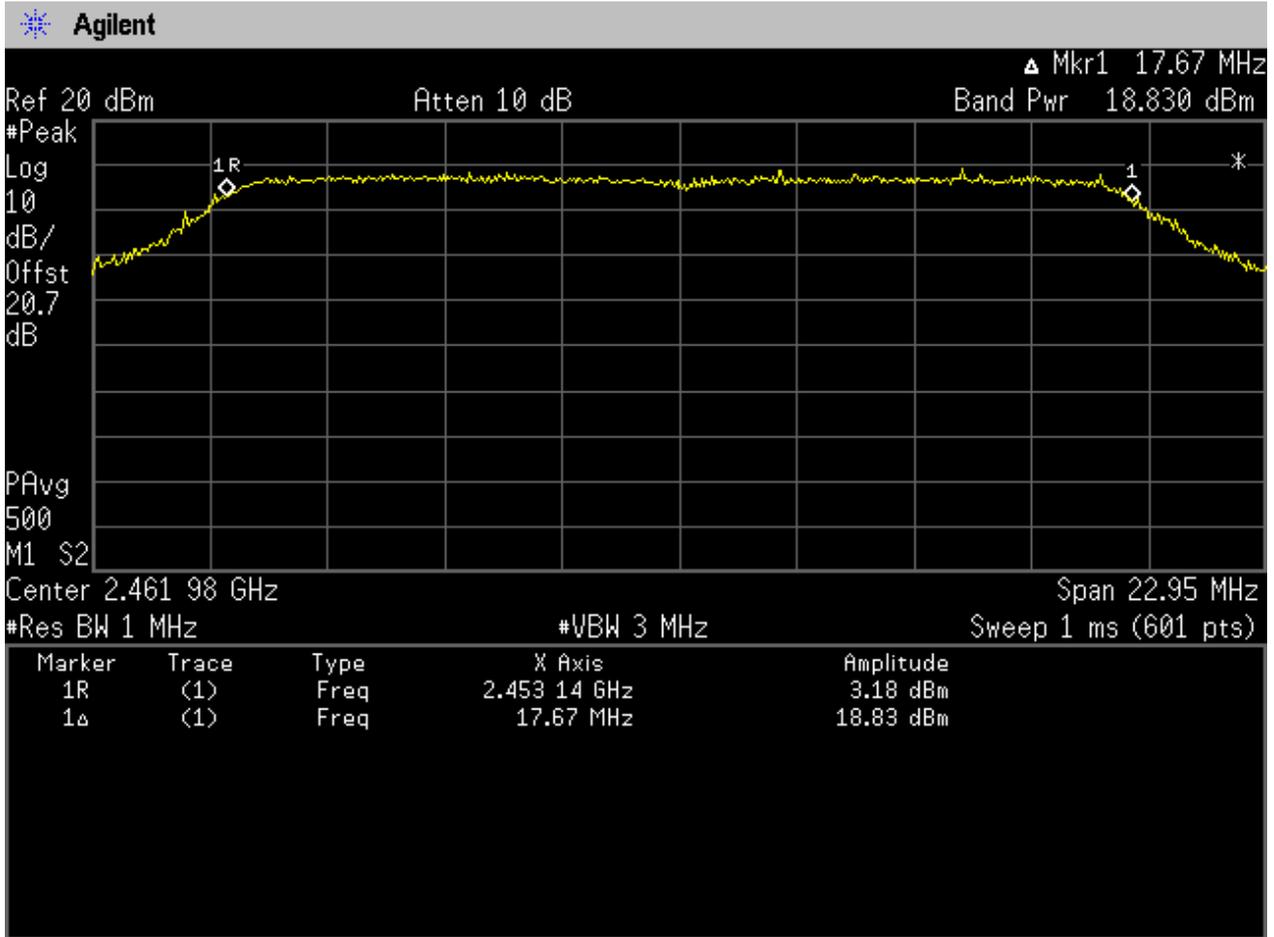
2.27.1 Ant 1



2.27.2 Ant 2



2.27.3 Ant 3





Appendix D: Maximum Power Spectral Density Level

In this Appendix, the “PD*” refers to the measured “Maximum Power Spectral Density” value with 100 kHz RBW. The final result “PD” within 3 kHz bandwidth, which is used to compare with the limit requirements, should be adjusted according to: $PD [dBm/3 kHz] = PD^* [dBm/100 kHz] - 15.2 [dB]$.

For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain as “PD@i [dBm]”, and then combined into the final result “PD [dBm]” to compare with the limit according to: $PD [dBm] = 10 \times \lg(10^{PD@1 [dBm] / 10} + \dots + 10^{PD@N [dBm] / 10})$ (the N denotes the antenna chains used by smart antenna systems). NOTE that the method is a stringent but convenient consideration, because each “PD@i [dBm]” may be located at different frequency occurrence. For the final judgment, the combination of the final result “PD [dBm]” (Trace#sum) should be performed frequency-by-frequency on the measured spectrum trace for each antenna chain (Trace#i). Unless otherwise specified, the method for final judgment will not be used.

1 Result Table

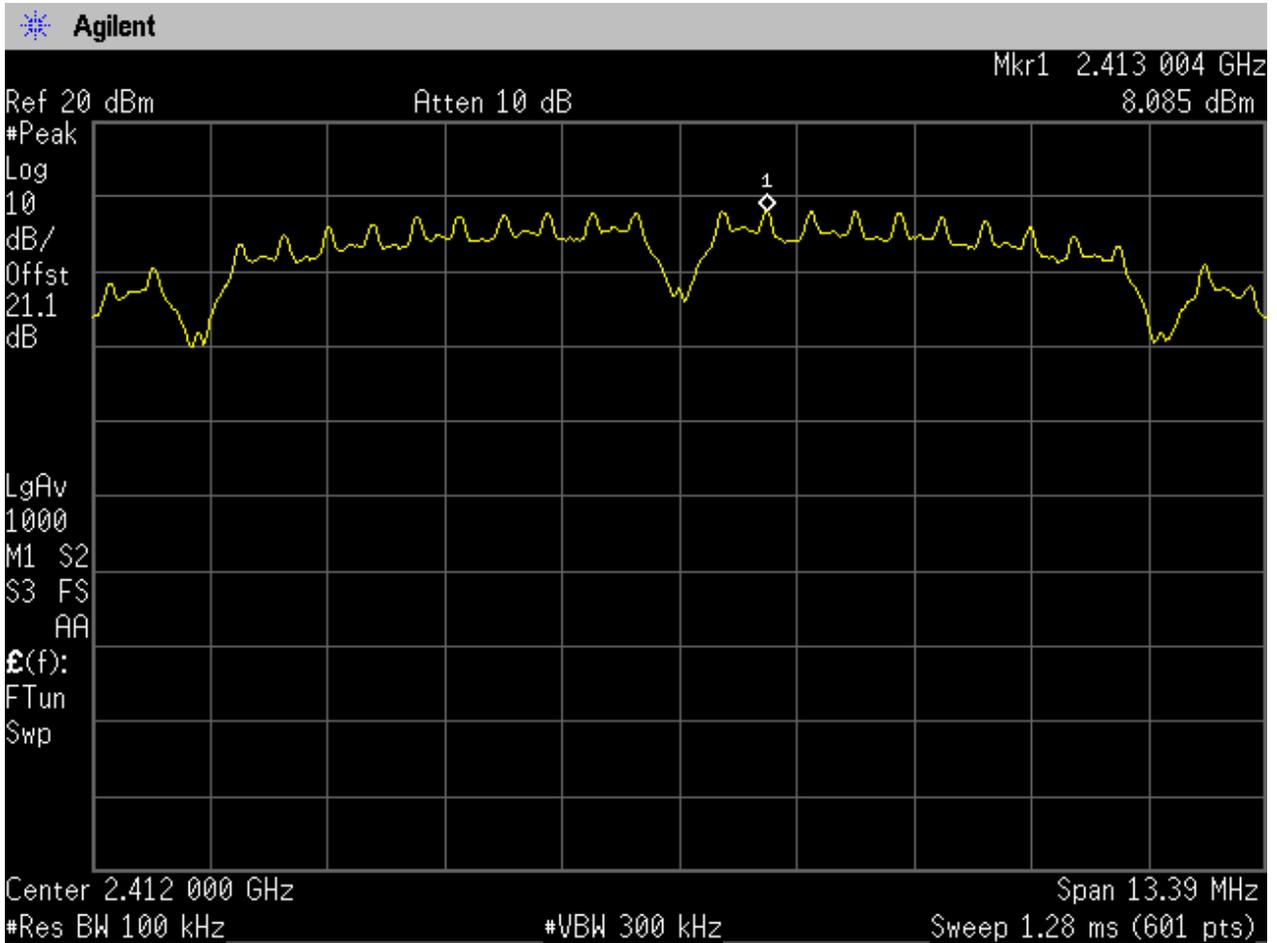
EUT Conf.	Ant.	PD@i [dBm/3kHz]	PD [dBm/3kHz]	Verdict
11B/1_B@2	Ant 2	-7.11	-7.11	Pass
11B/1_M@2	Ant 2	-5.75	-5.75	Pass
11B/1_T@2	Ant 2	-4.63	-4.63	Pass
11Bd/1_B@1+2	Ant 1	-9.06	-6.29	Pass
	Ant 2	-9.55		
11Bd/1_M@1+2	Ant 1	-8.54	-5.56	Pass
	Ant 2	-8.6		
11Bd/1_T@1+2	Ant 1	-8.56	-5.96	Pass
	Ant 2	-9.43		
11Bd/1_B@1+2+3	Ant 1	-10.73	-5.96	Pass
	Ant 2	-10.98		
	Ant 3	-10.51		
11Bd/1_M@1+2+3	Ant 1	-10.15	-5.25	Pass
	Ant 2	-10.34		
	Ant 3	-9.6		
11Bd/1_T@1+2+3	Ant 1	-10.25	-5.18	Pass
	Ant 2	-10.68		
	Ant 3	-9.09		
11G/6_B@2	Ant 2	-14.95	-14.95	Pass
11G/6_M@2	Ant 2	-11.99	-11.99	Pass
11G/6_T@2	Ant 2	-13.38	-13.38	Pass
11Gd/6_B@1+2	Ant 1	-18.29	-15	Pass
	Ant 2	-17.74		
11Gd/6_M@1+2	Ant 1	-15.91	-12.93	Pass
	Ant 2	-15.97		
11Gd/6_T@1+2	Ant 1	-17.97	-14.96	Pass



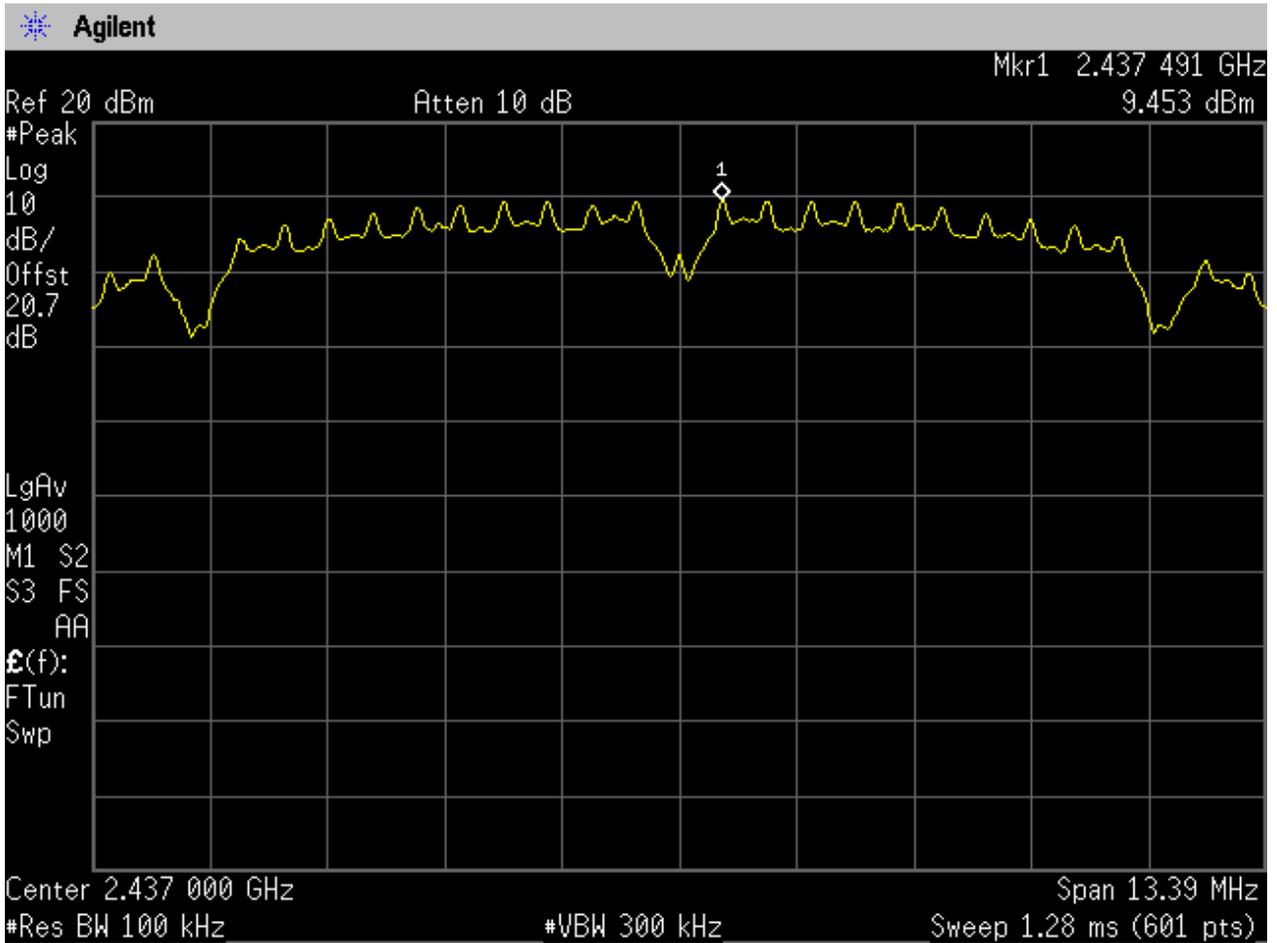
EUT Conf.	Ant.	PD@i [dBm/3kHz]	PD [dBm/3kHz]	Verdict
	Ant 2	-17.97		
11Gd/6_B@1+2+3	Ant 1	-19.99	-15.17	Pass
	Ant 2	-20.24		
	Ant 3	-19.61		
11Gd/6_M@1+2+3	Ant 1	-17	-12.32	Pass
	Ant 2	-17.37		
	Ant 3	-16.92		
11Gd/6_T@1+2+3	Ant 1	-19.83	-14.15	Pass
	Ant 2	-19.77		
	Ant 3	-17.56		
11N20/0_B@2	Ant 2	-14.49	-14.49	Pass
11N20/0_M@2	Ant 2	-12.44	-12.44	Pass
11N20/0_T@2	Ant 2	-15.24	-15.24	Pass
11N20m/8_B@1+2	Ant 1	-16.84	-13.97	Pass
	Ant 2	-17.13		
11N20m/8_M@1+2	Ant 1	-13.76	-10.92	Pass
	Ant 2	-14.11		
11N20m/8_T@1+2	Ant 1	-16.36	-13.5	Pass
	Ant 2	-16.66		
11N20m/16_B@1+2 +3	Ant 1	-20.16	-14.22	Pass
	Ant 2	-18.28		
	Ant 3	-18.74		
11N20m/16_M@1+2 +3	Ant 1	-15.46	-10.94	Pass
	Ant 2	-15.82		
	Ant 3	-15.86		
11N20m/16_T@1+2 +3	Ant 1	-18.06	-13.16	Pass
	Ant 2	-18.69		
	Ant 3	-17.17		
(**): The method for final judgment is used for this configuration.				

2 Test Plot

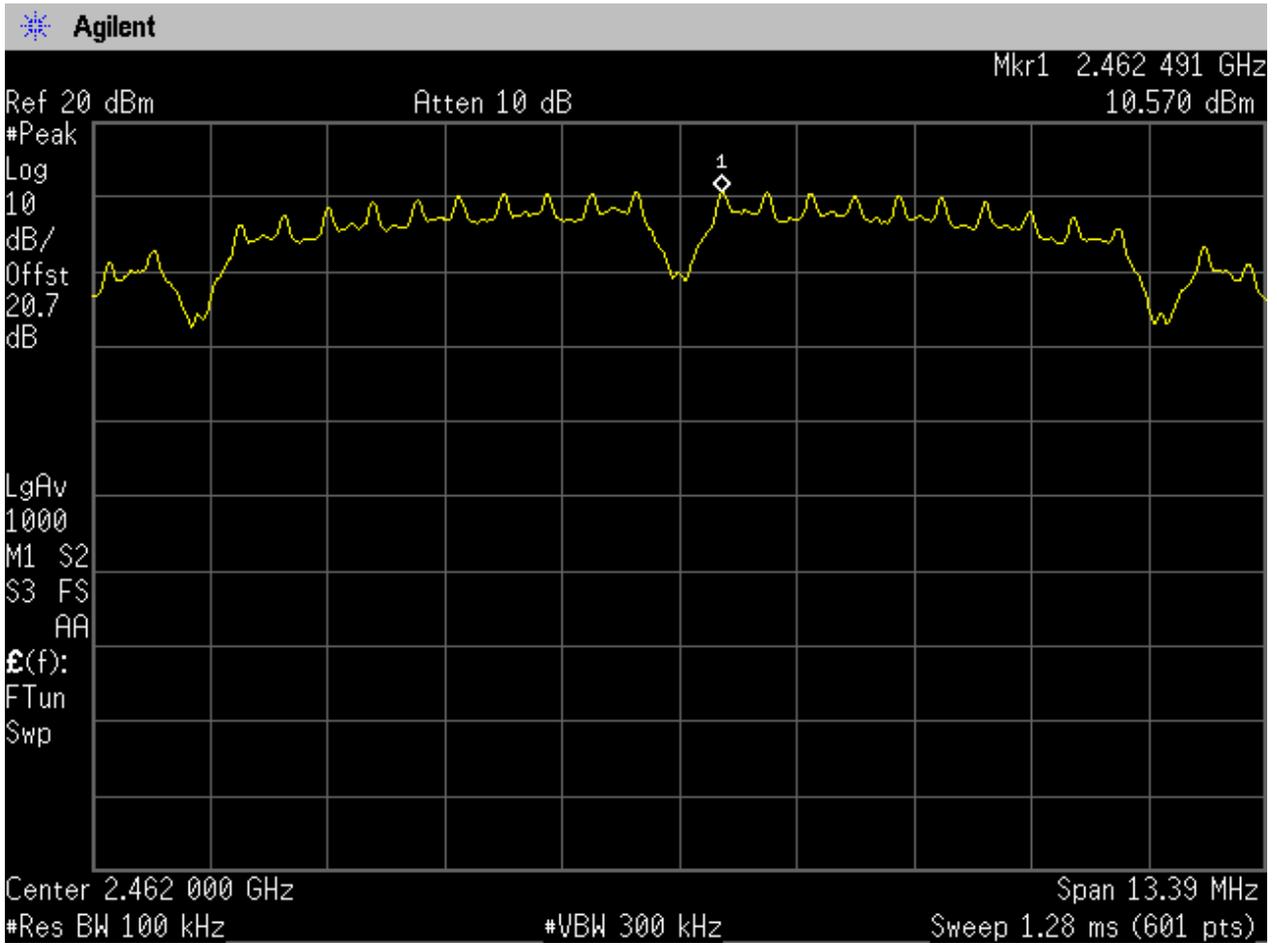
2.1 11B/1_B@2



2.2 11B/1_M@2

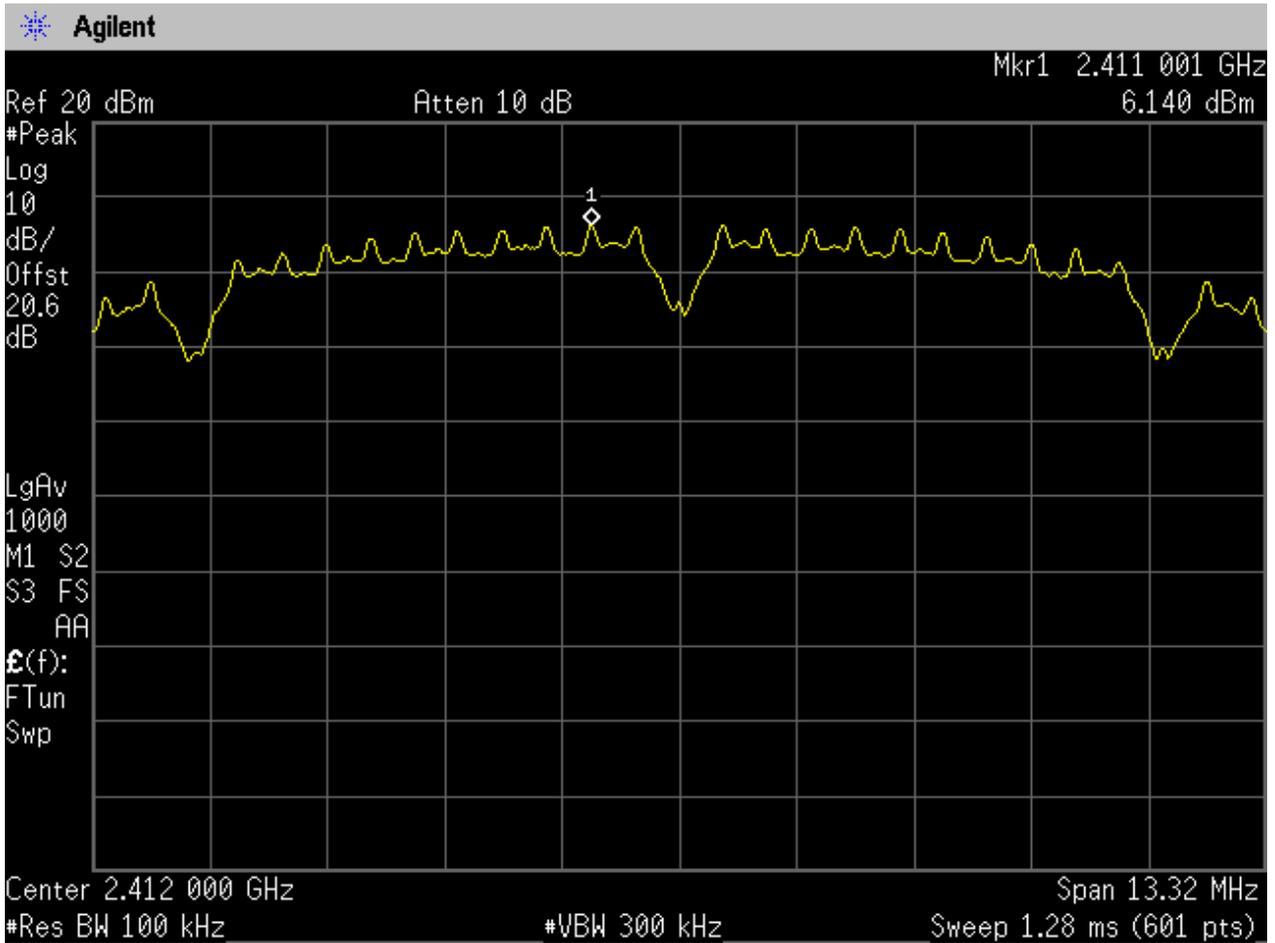


2.3 11B/1_T@2

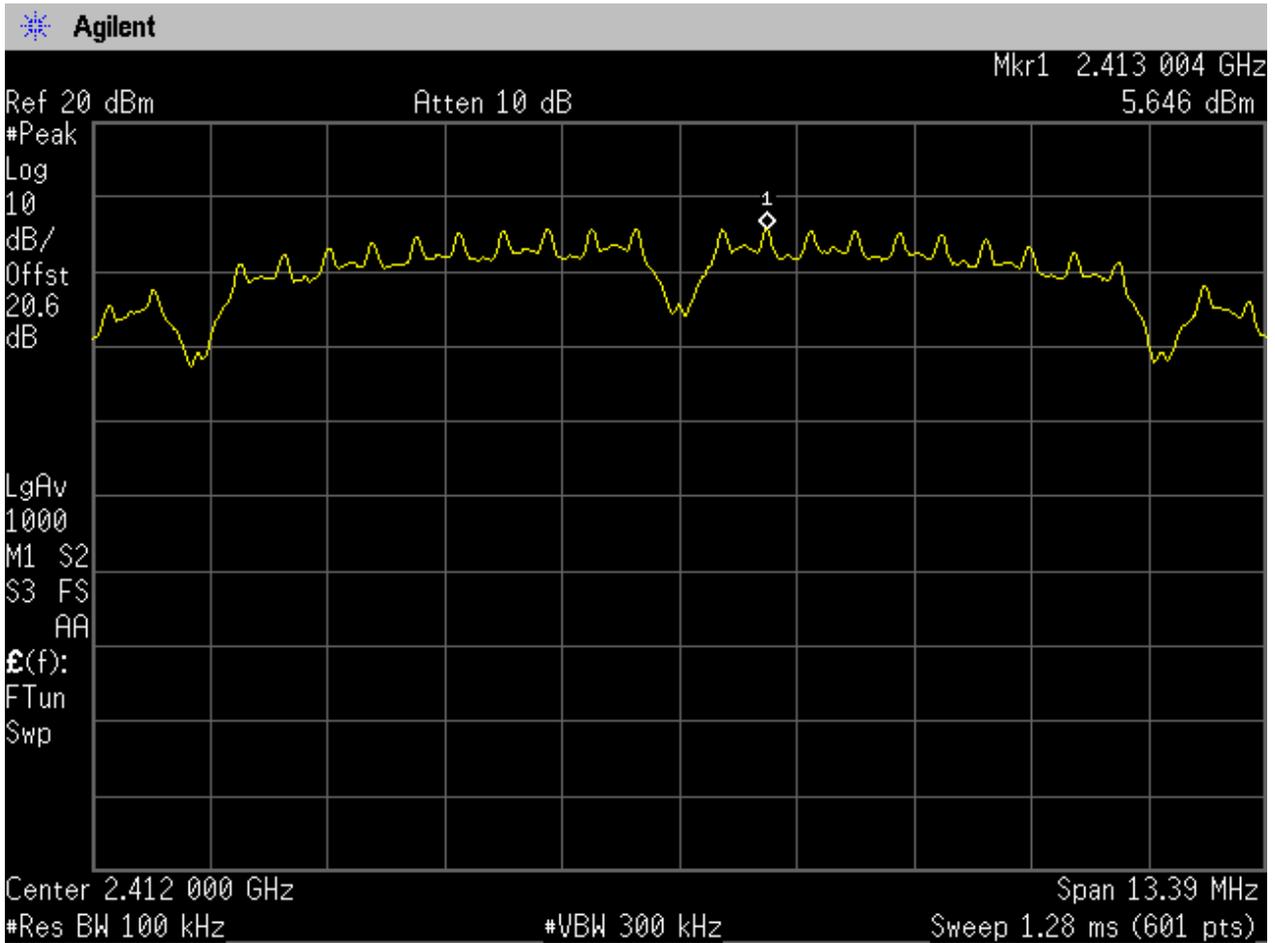


2.4 11Bd/1_B@1+2

2.4.1 Ant 1 (Trace#1)



2.4.2 Ant 2 (Trace#2)

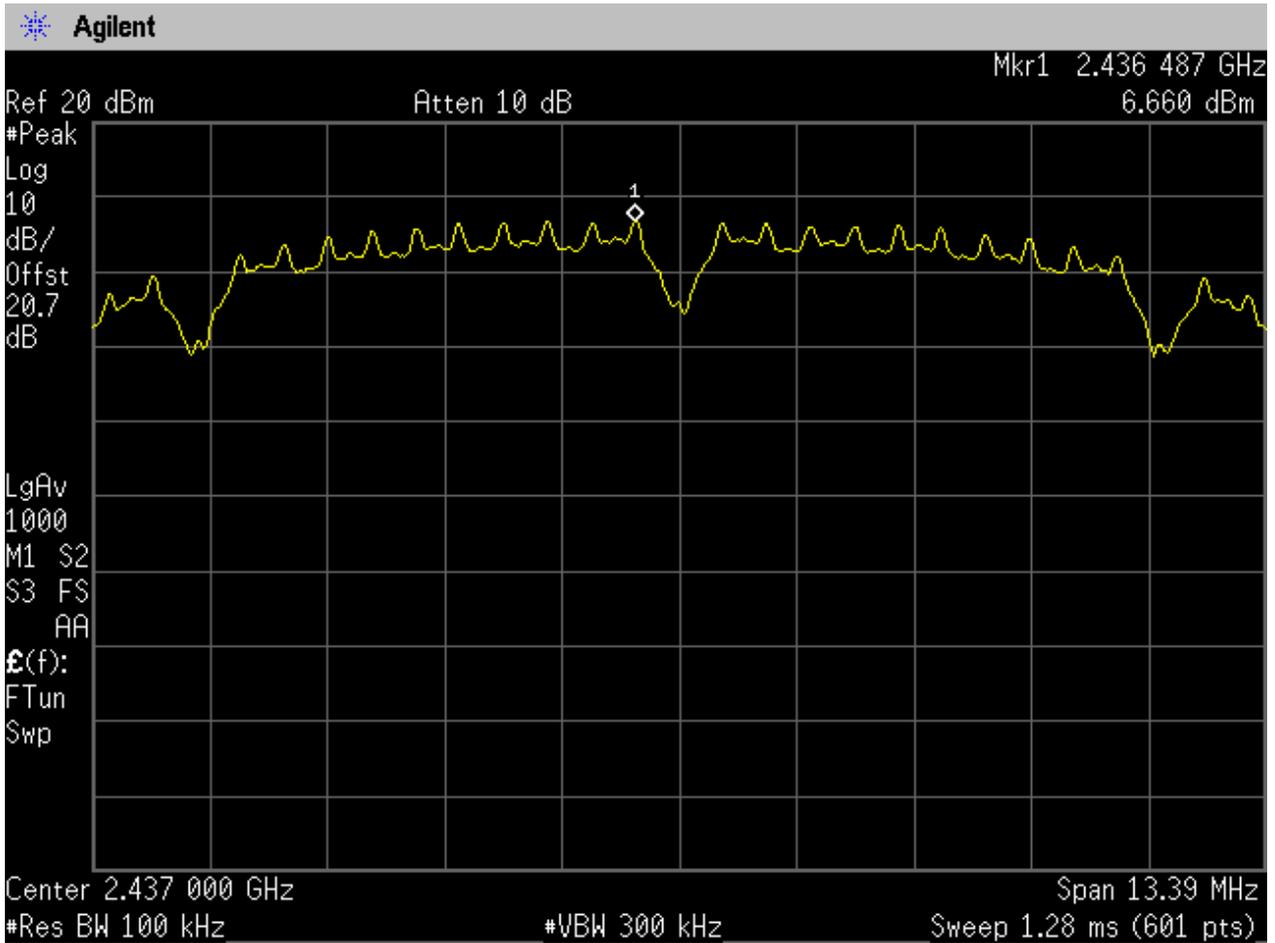


2.4.3 Trace#sum (if needed for final judgment)

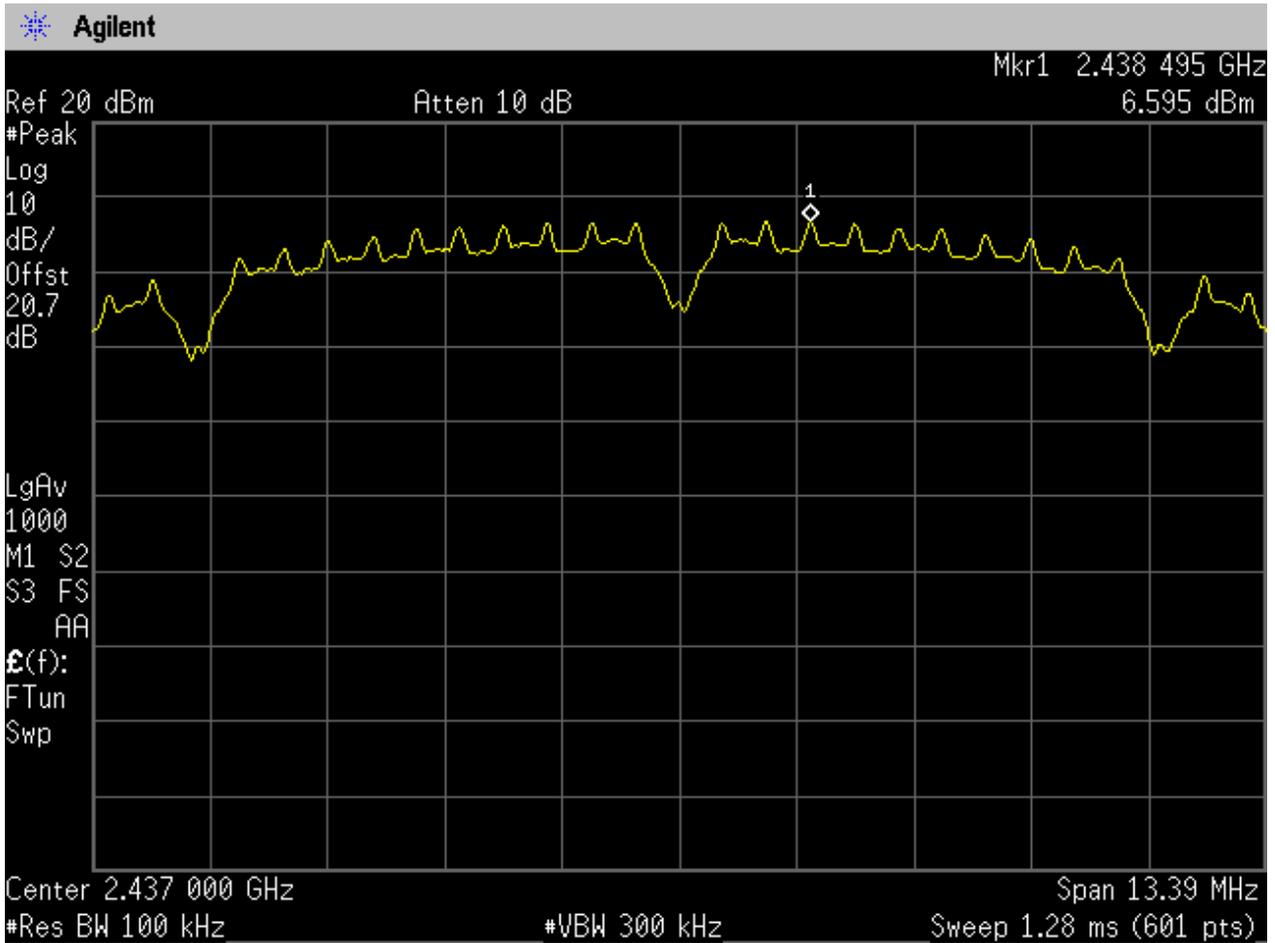
(Not applicable)

2.5 11Bd/1_M@1+2

2.5.1 Ant 1 (Trace#1)



2.5.2 Ant 2 (Trace#2)

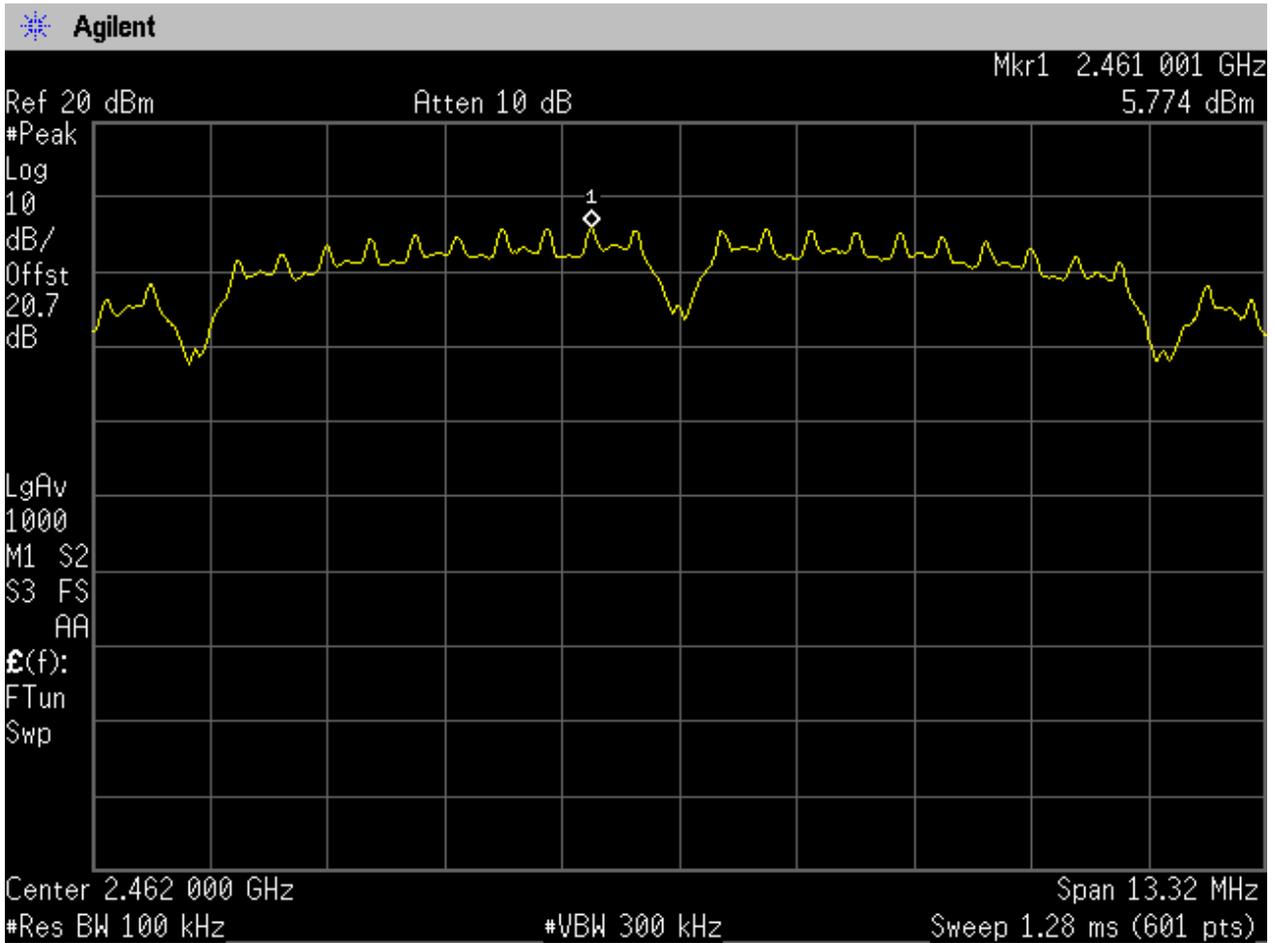


2.5.3 Trace#sum (if needed for final judgment)

(Not applicable)

2.6 11Bd/1_T@1+2

2.6.1 Ant 1 (Trace#1)

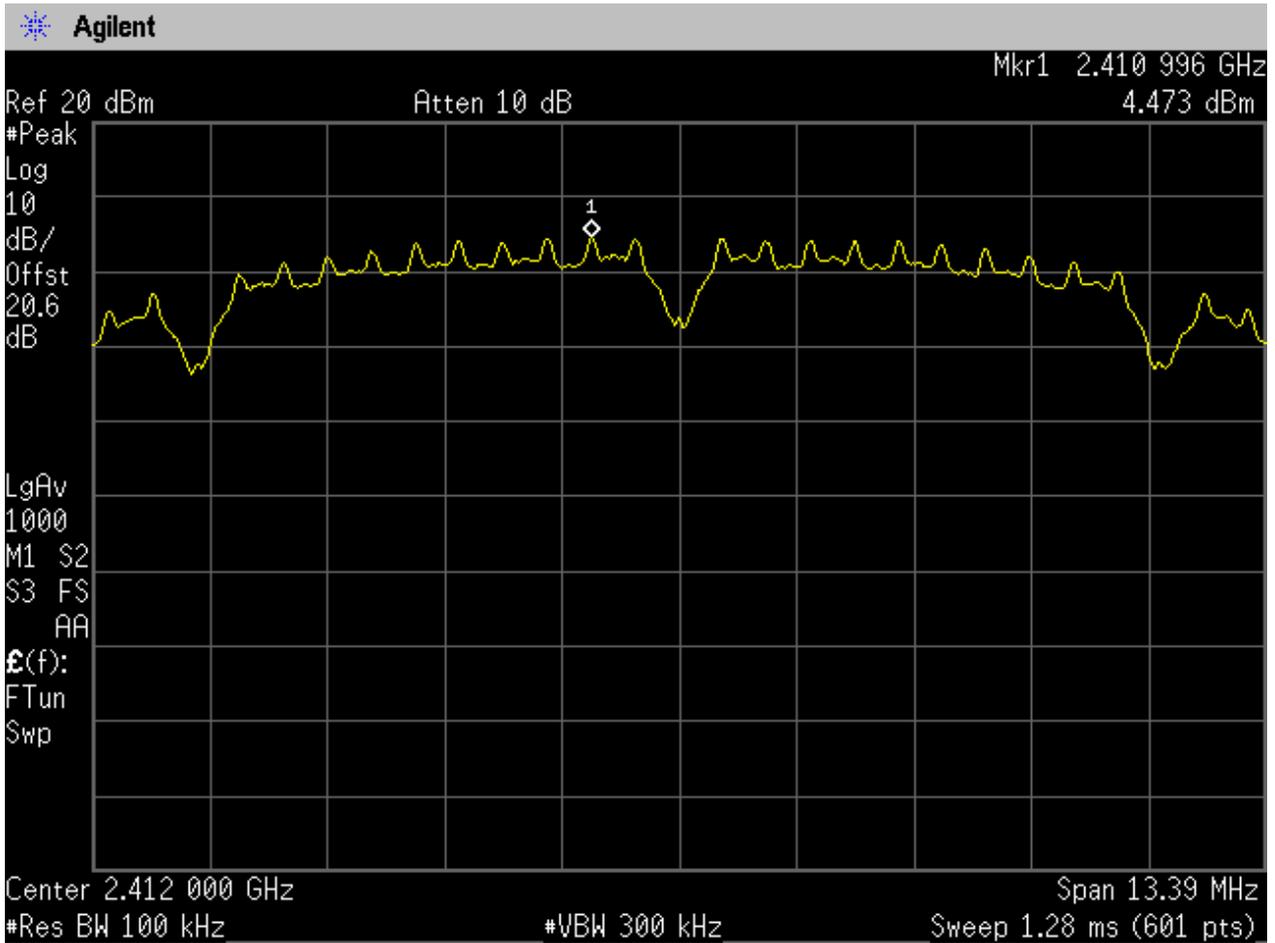


2.6.3 Trace#sum (if needed for final judgment)

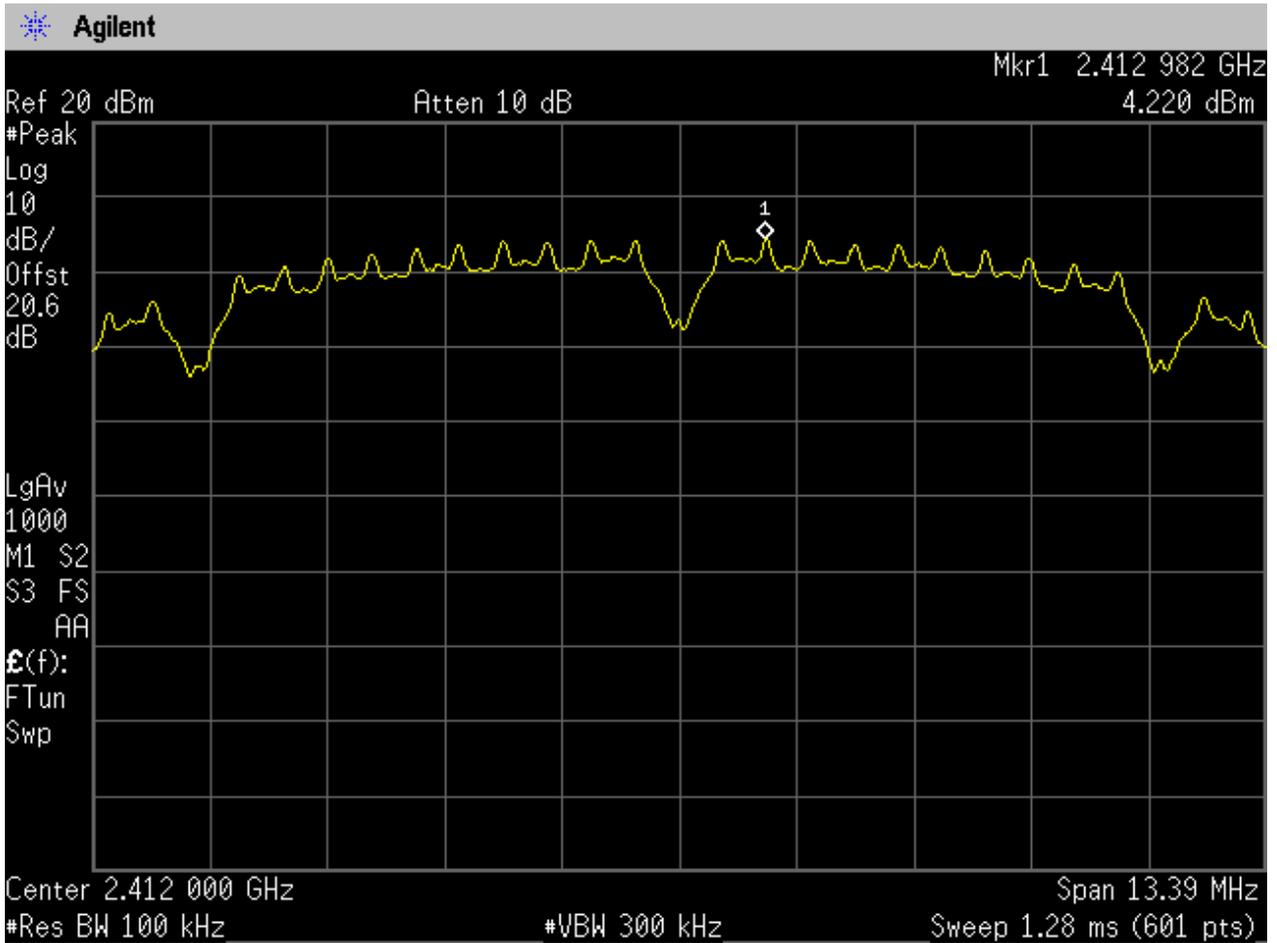
(Not applicable)

2.7 11Bd/1_B@1+2+3

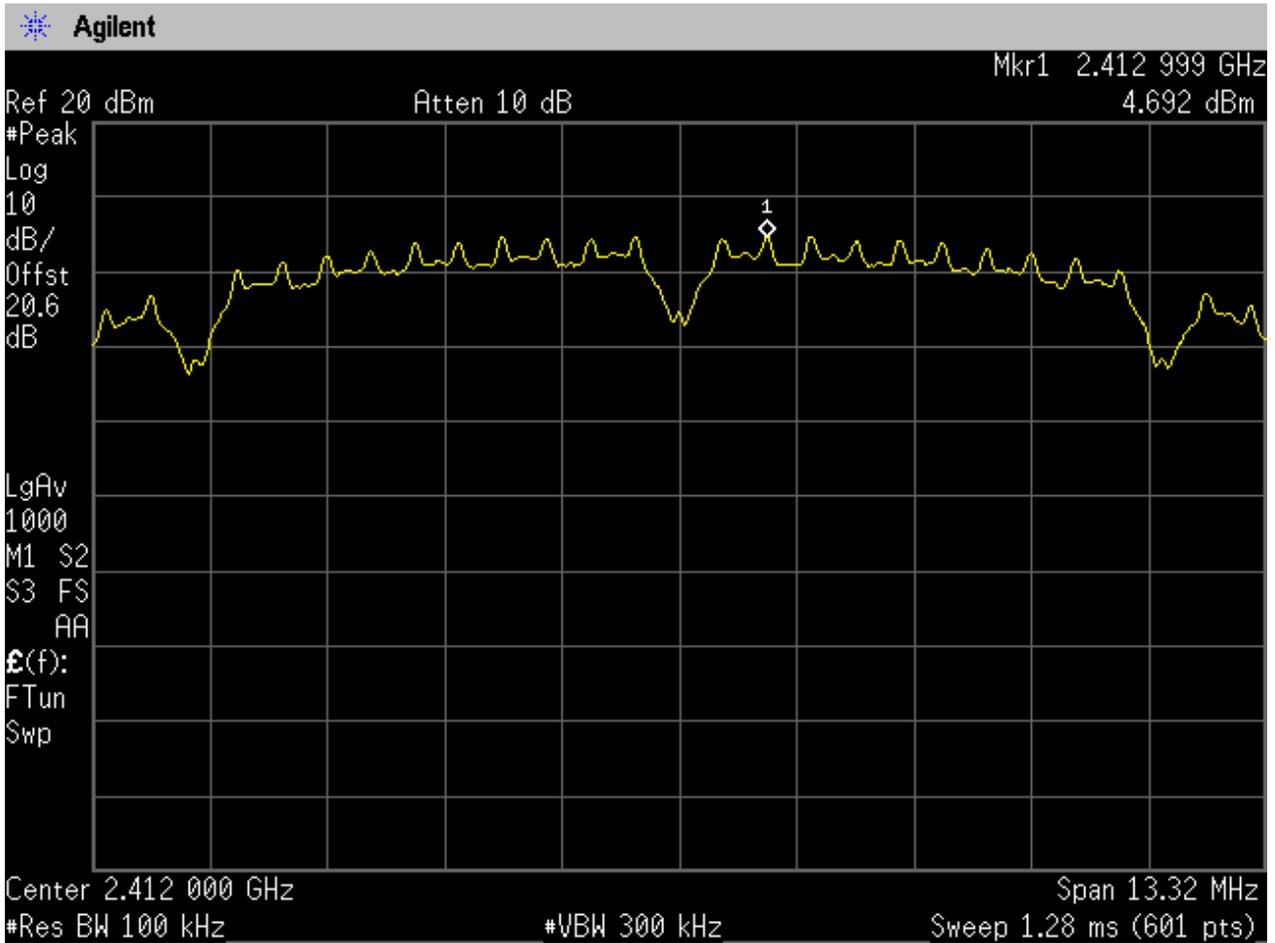
2.7.1 Ant 1 (Trace#1)



2.7.2 Ant 2 (Trace#2)



2.7.3 Ant 3 (Trace#3)

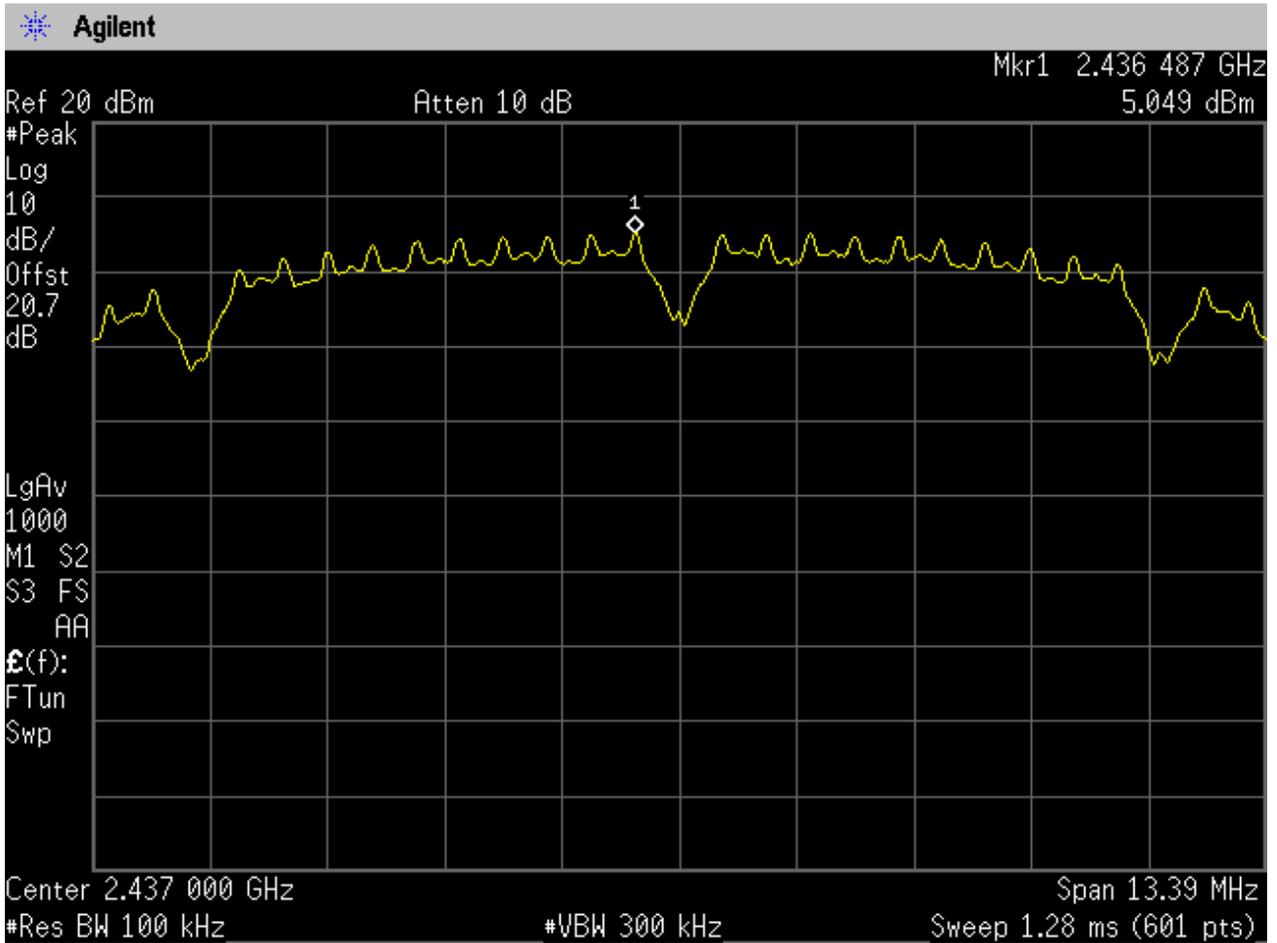


2.7.4 Trace#sum (if needed for final judgment)

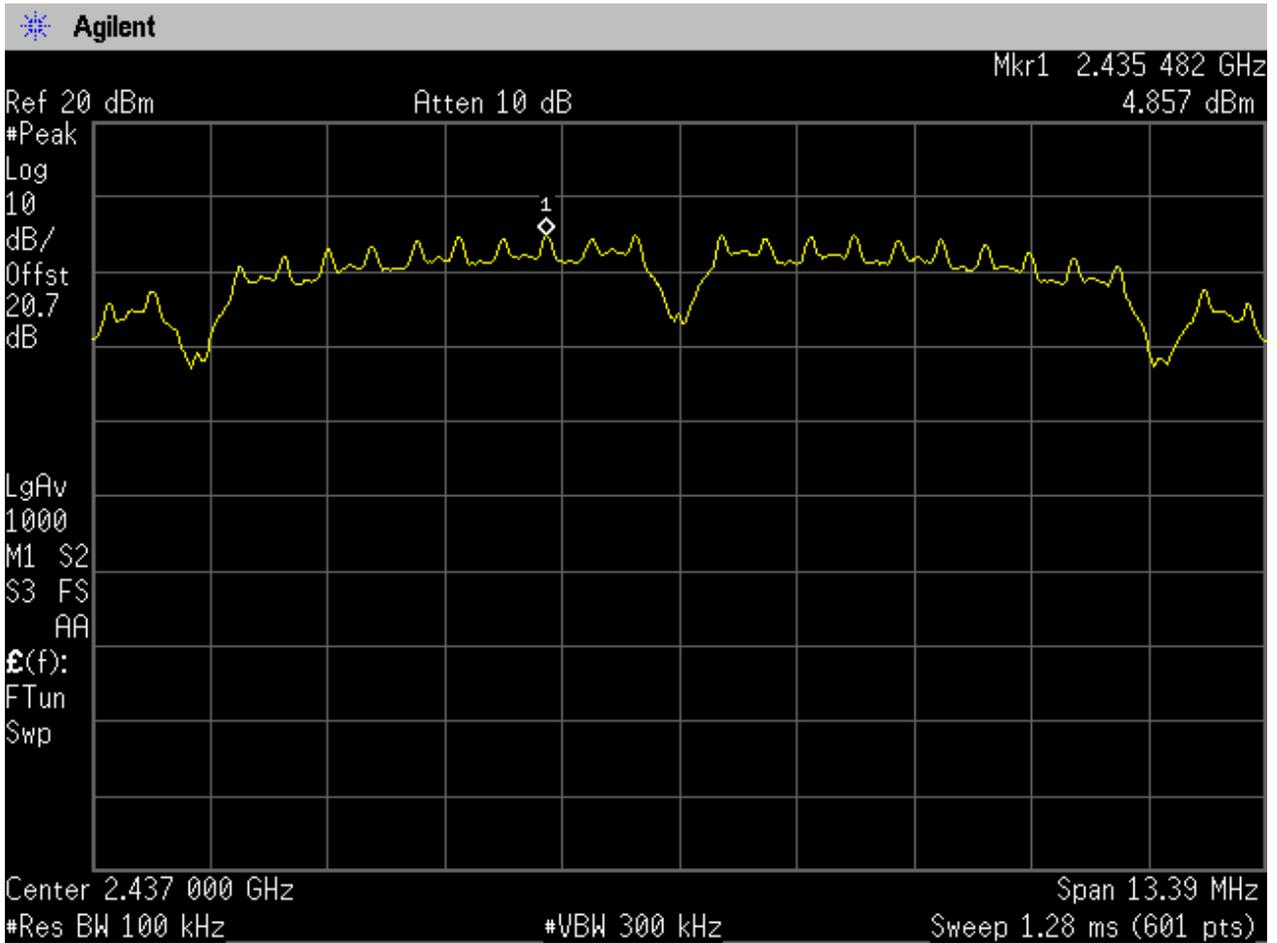
(Not applicable)

2.8 11Bd/1_M@1+2+3

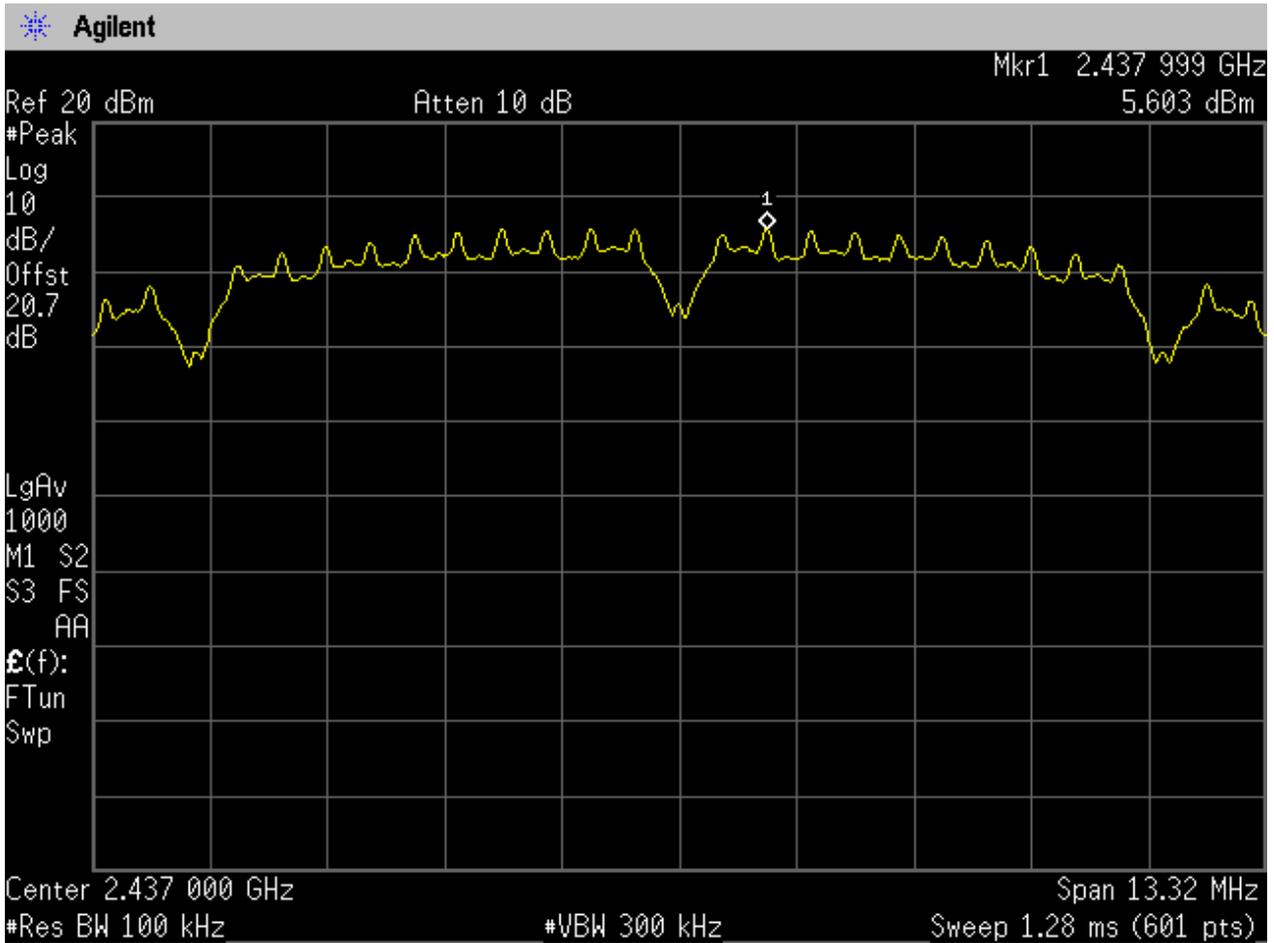
2.8.1 Ant 1 (Trace#1)



2.8.2 Ant 2 (Trace#2)



2.8.3 Ant 3 (Trace#3)

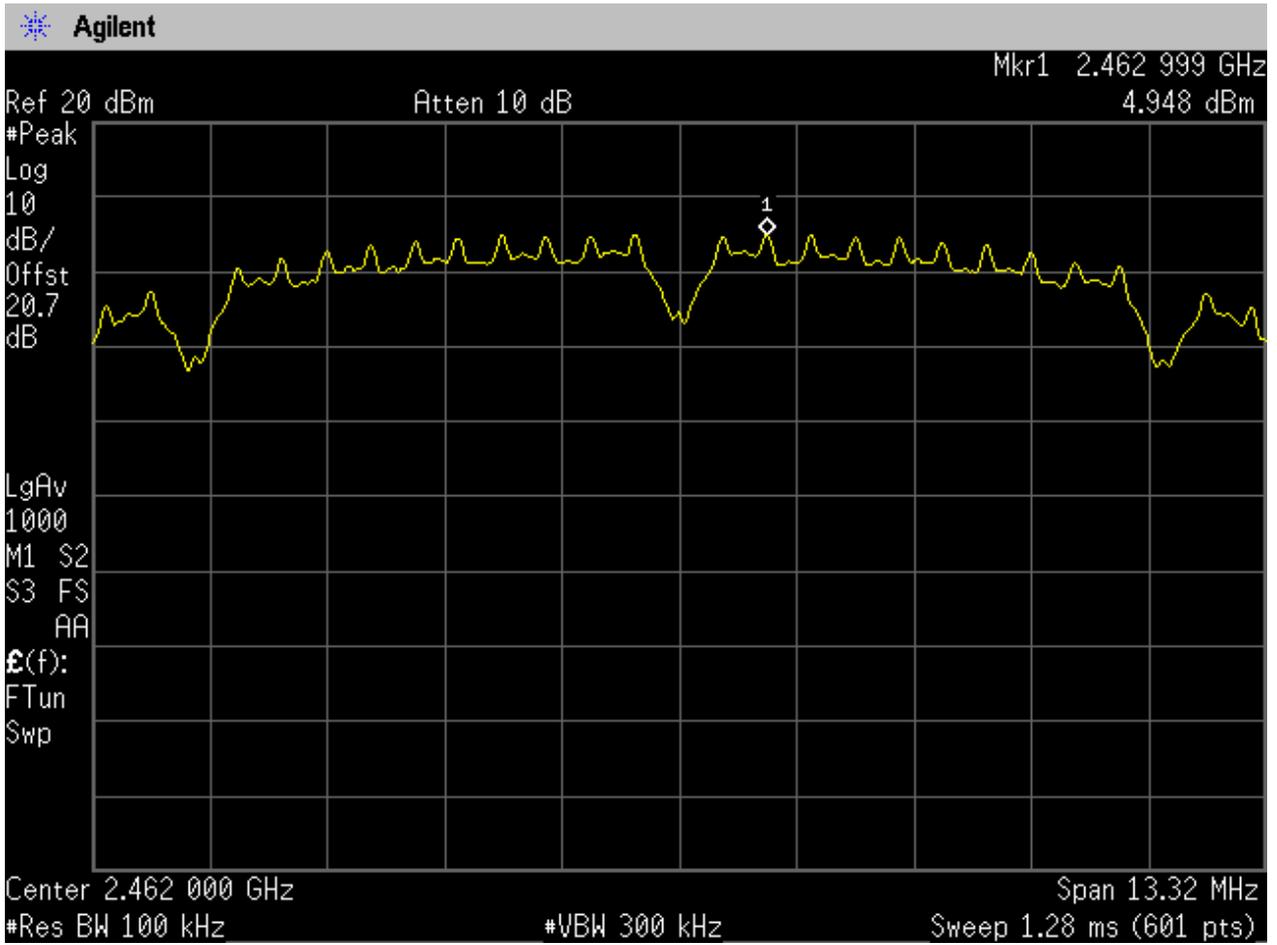


2.8.4 Trace#sum (if needed for final judgment)

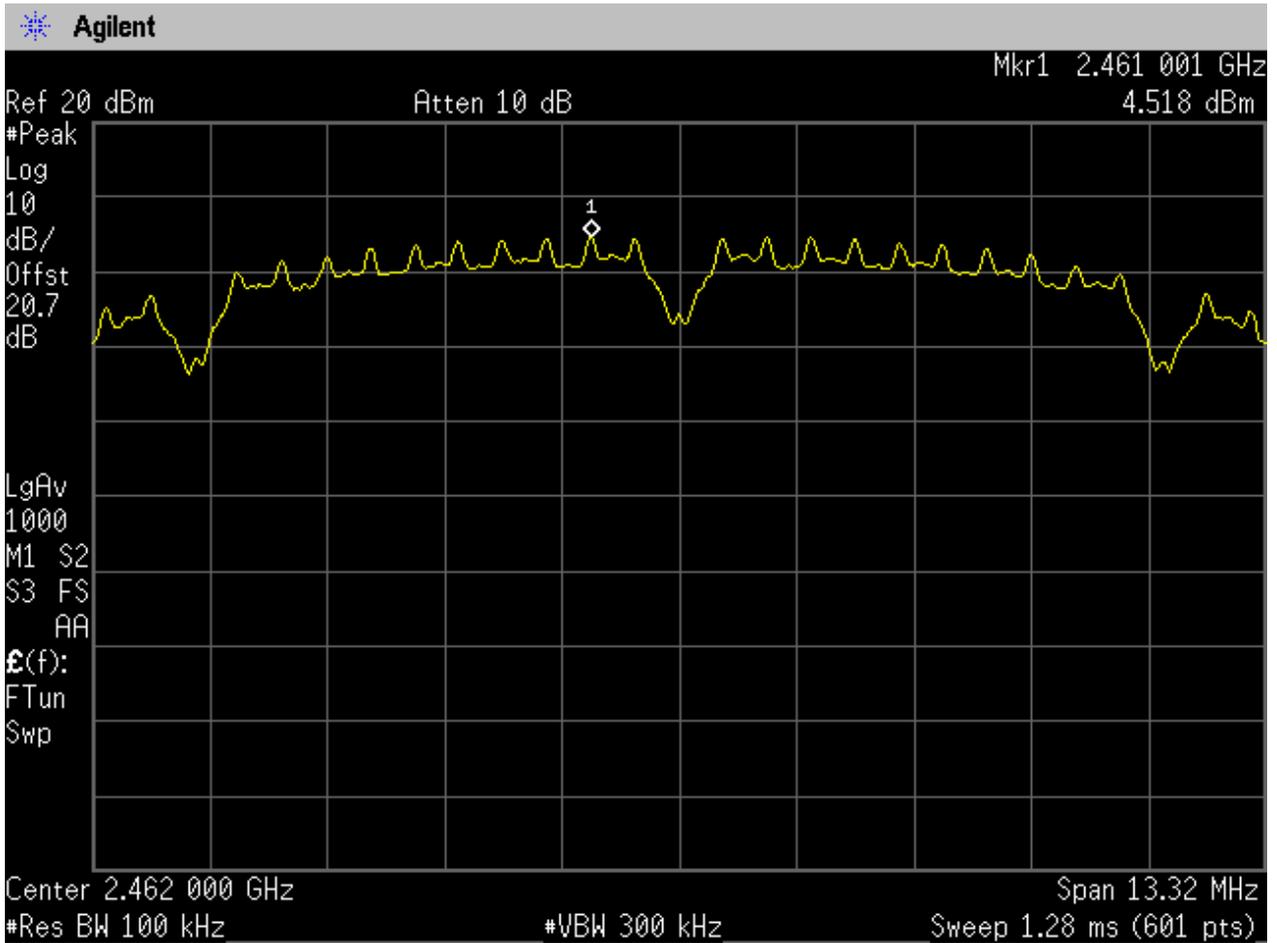
(Not applicable)

2.9 11Bd/1_T@1+2+3

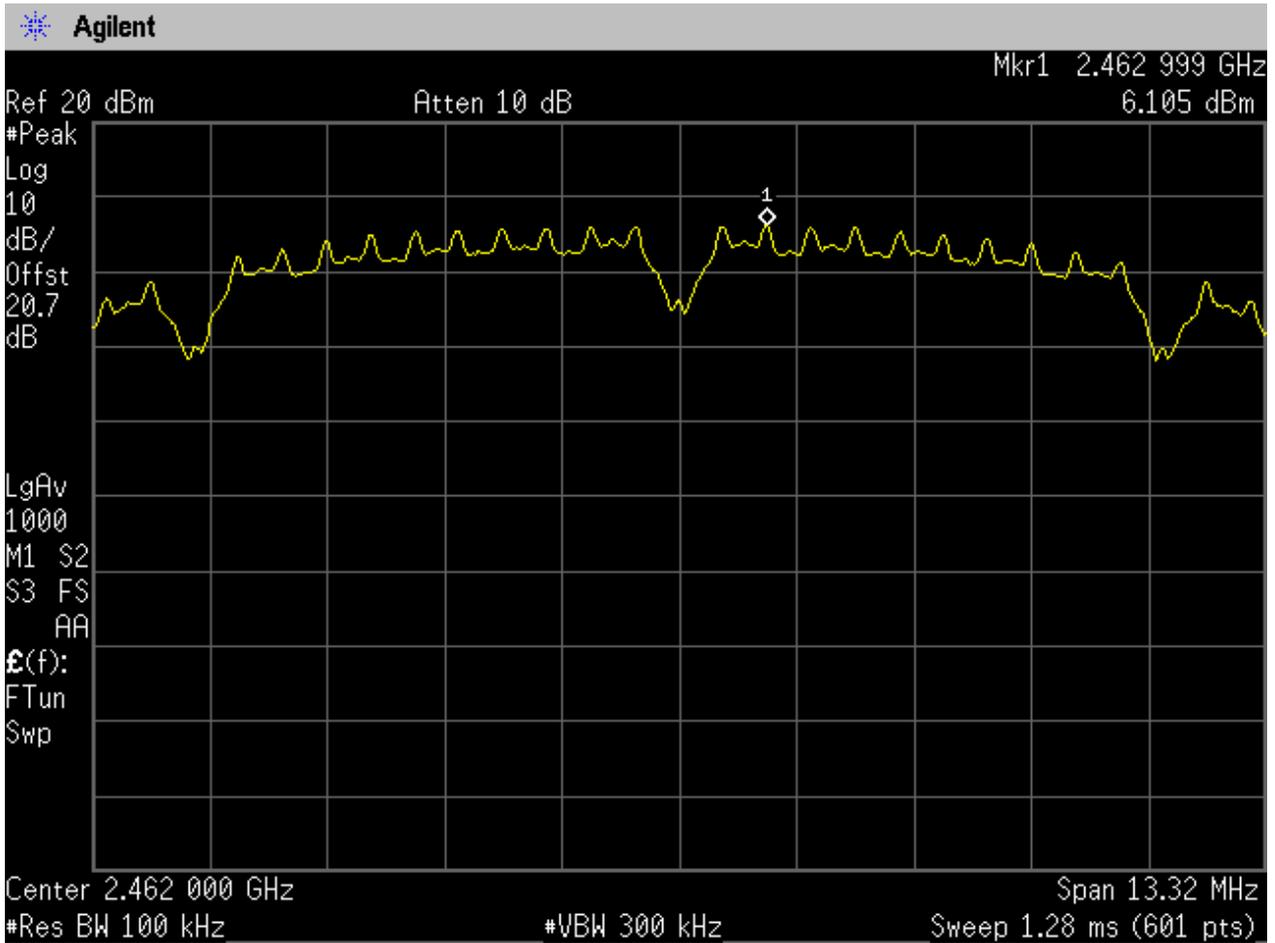
2.9.1 Ant 1 (Trace#1)



2.9.2 Ant 2 (Trace#2)



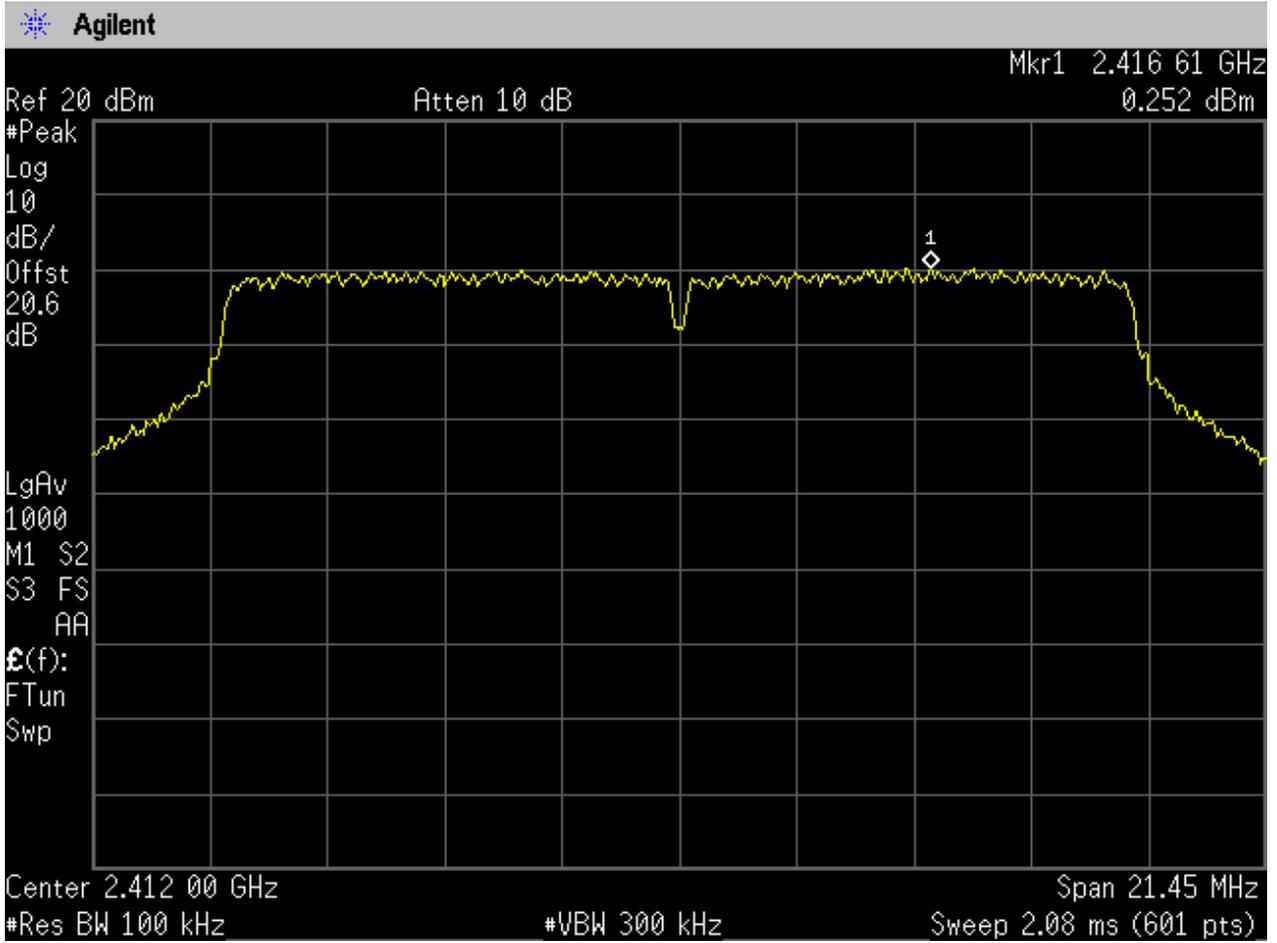
2.9.3 Ant 3 (Trace#3)



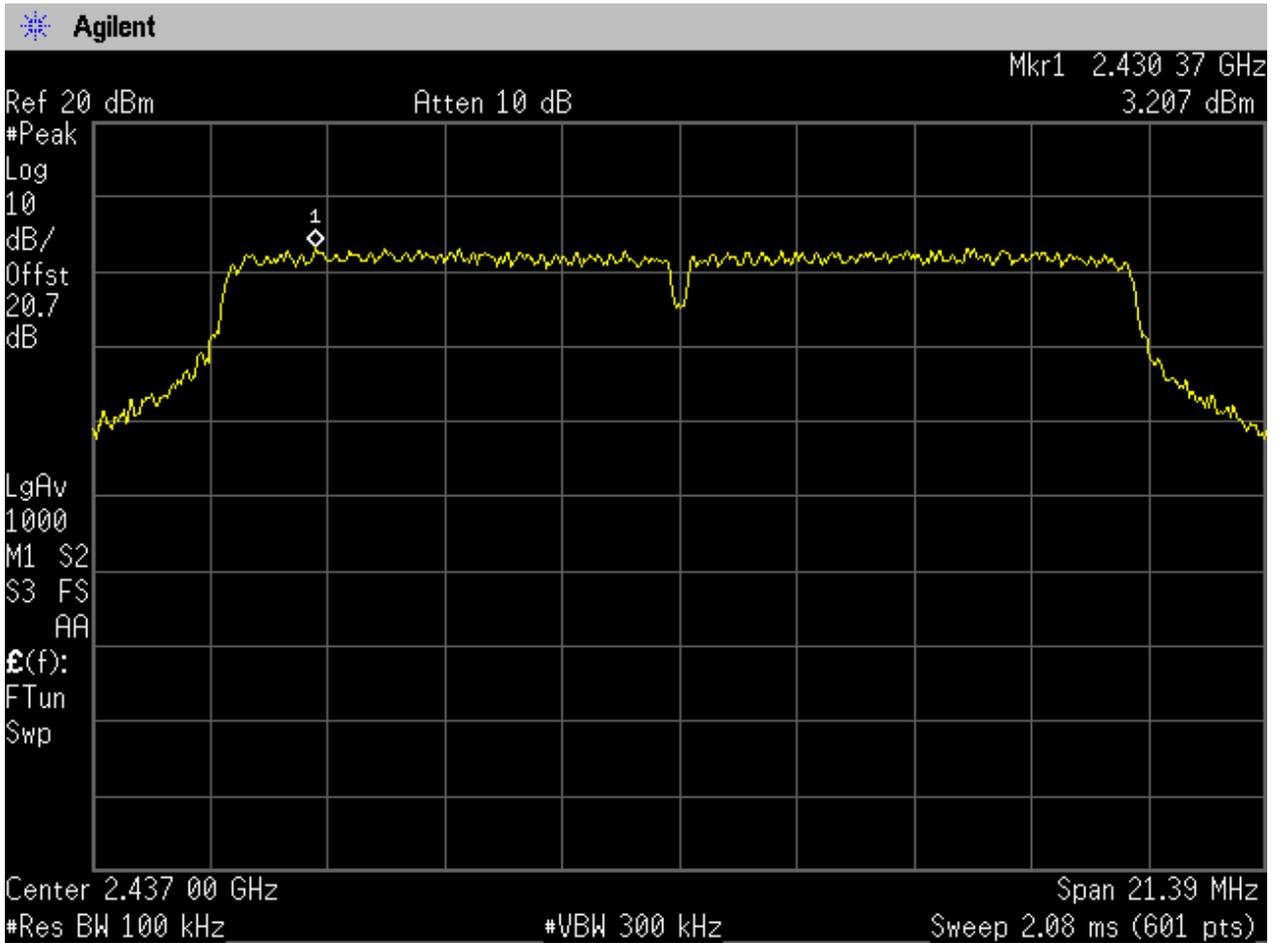
2.9.4 Trace#sum (if needed for final judgment)

(Not applicable)

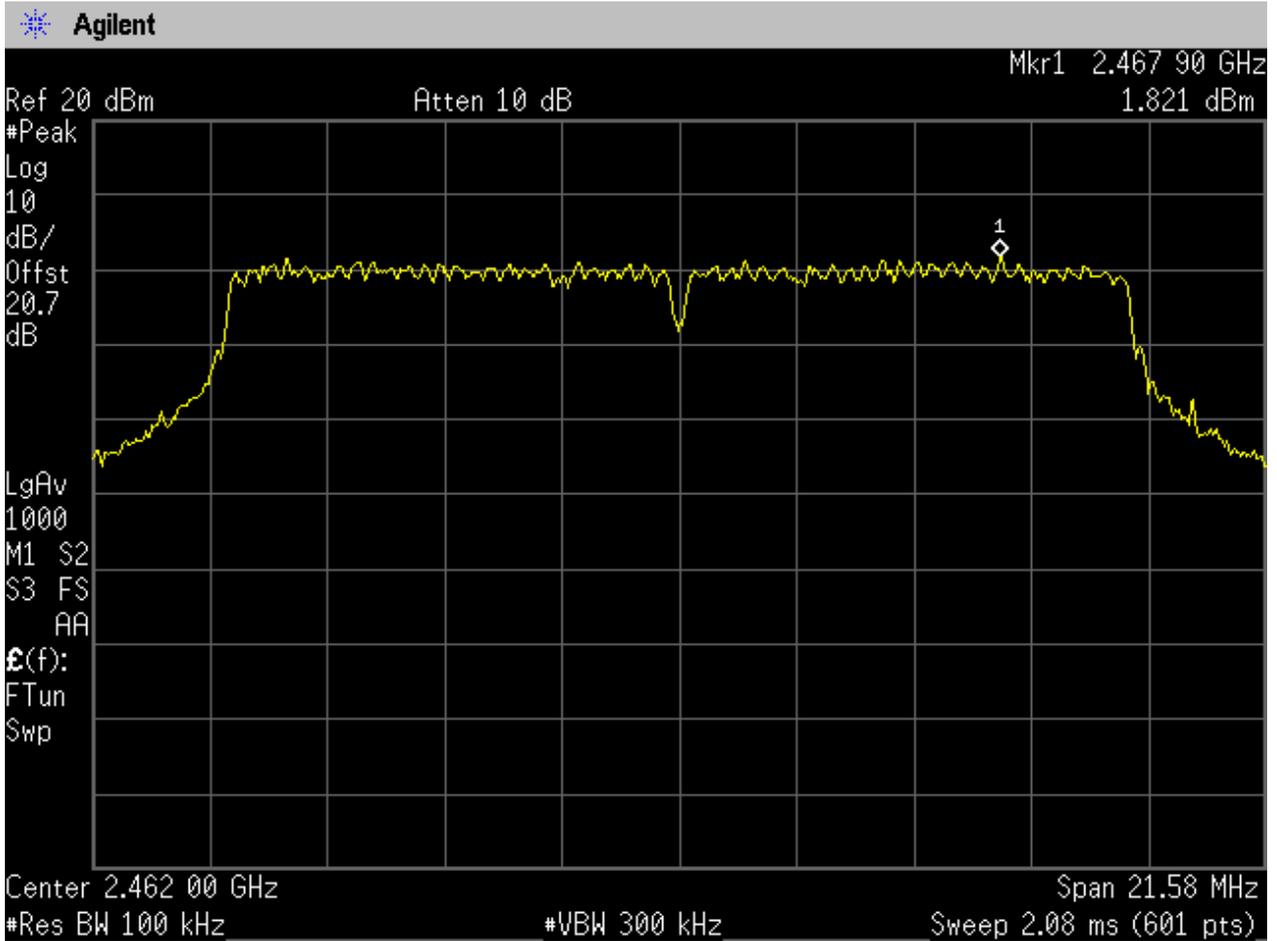
2.1011G/6_B@2



2.1111G/6_M@2

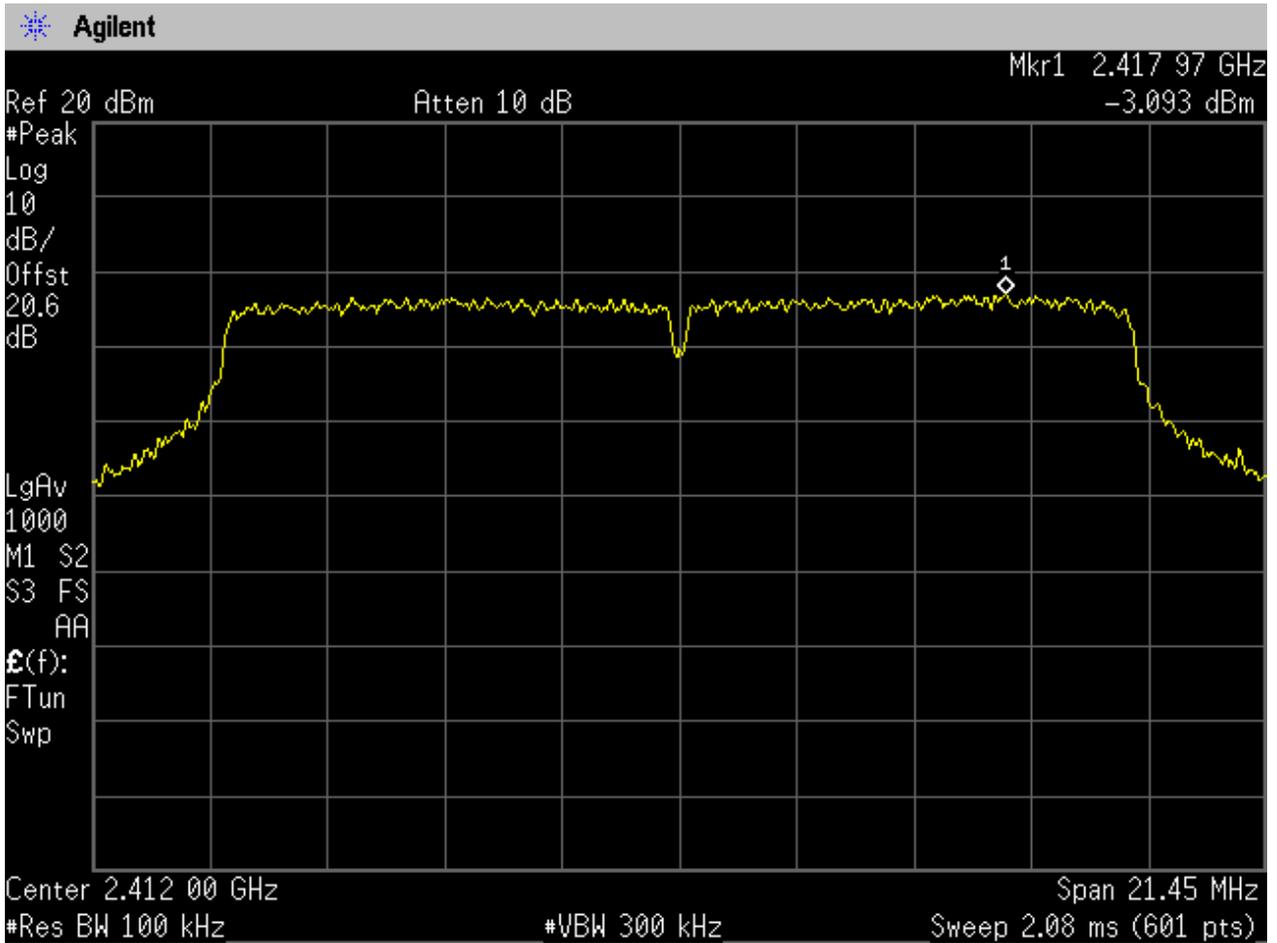


2.1211G/6_T@2

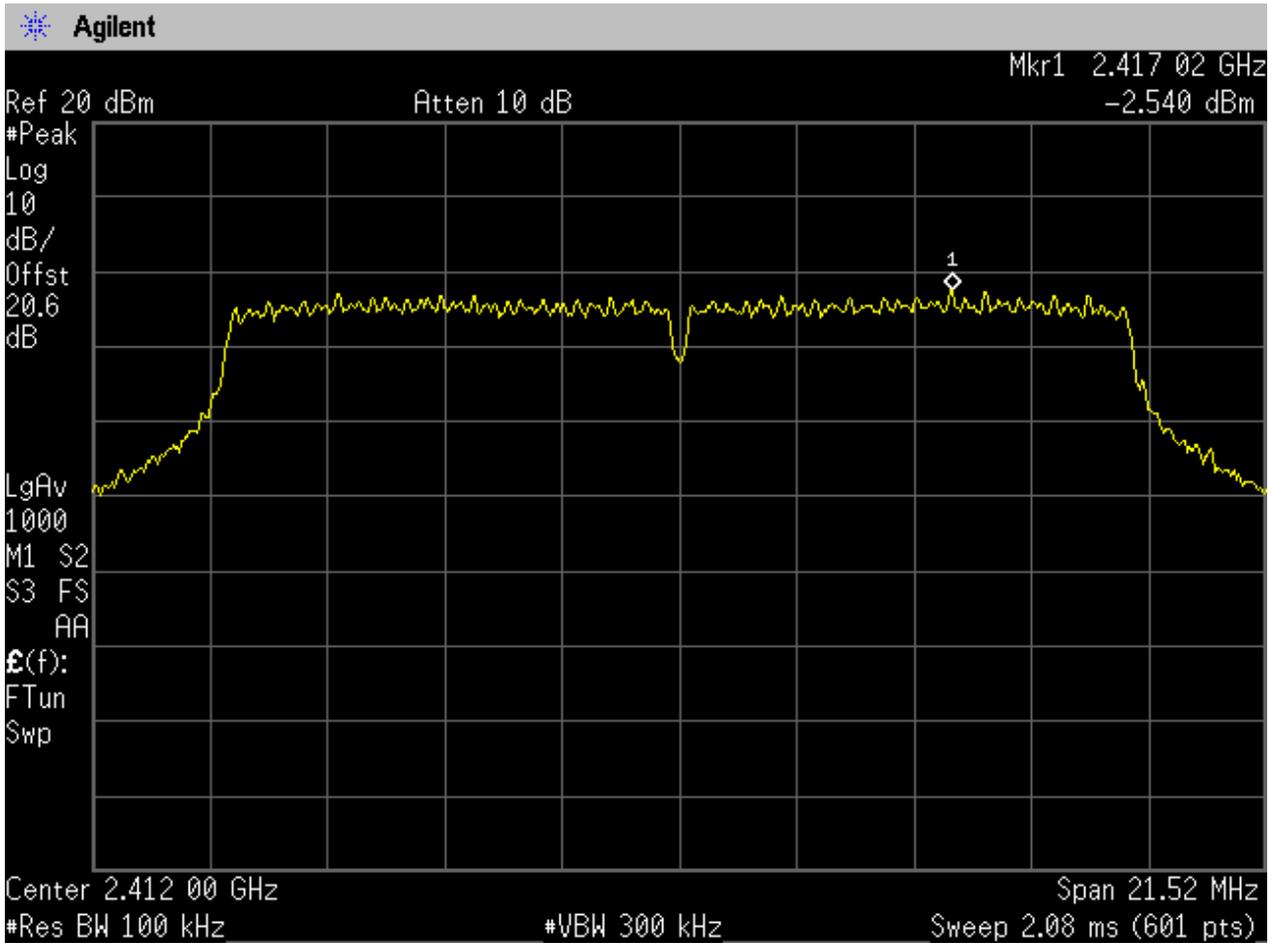


2.1311Gd/6_B@1+2

2.13.1 Ant 1 (Trace#1)



2.13.2 Ant 2 (Trace#2)

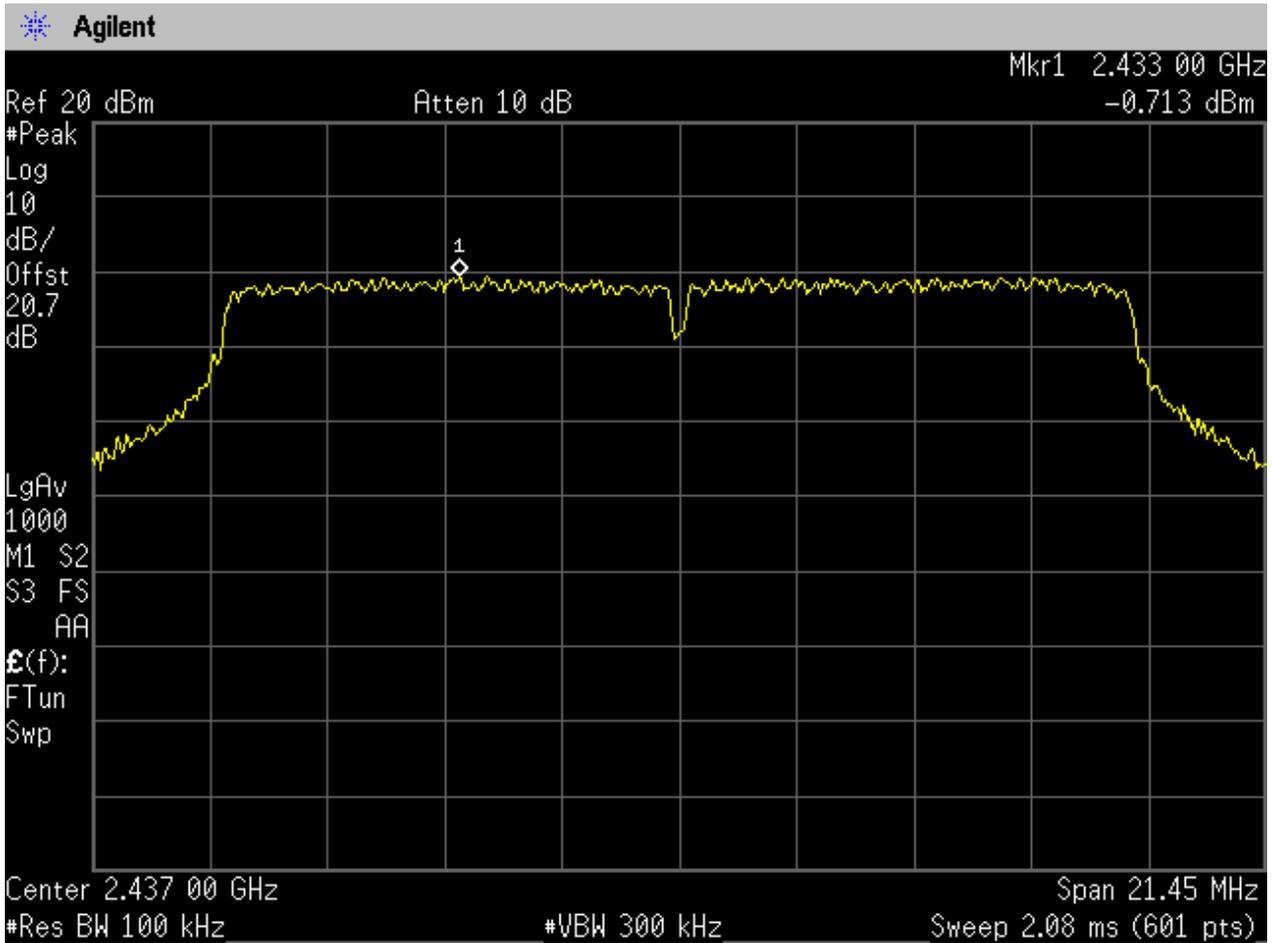


2.13.3 Trace#sum (if needed for final judgment)

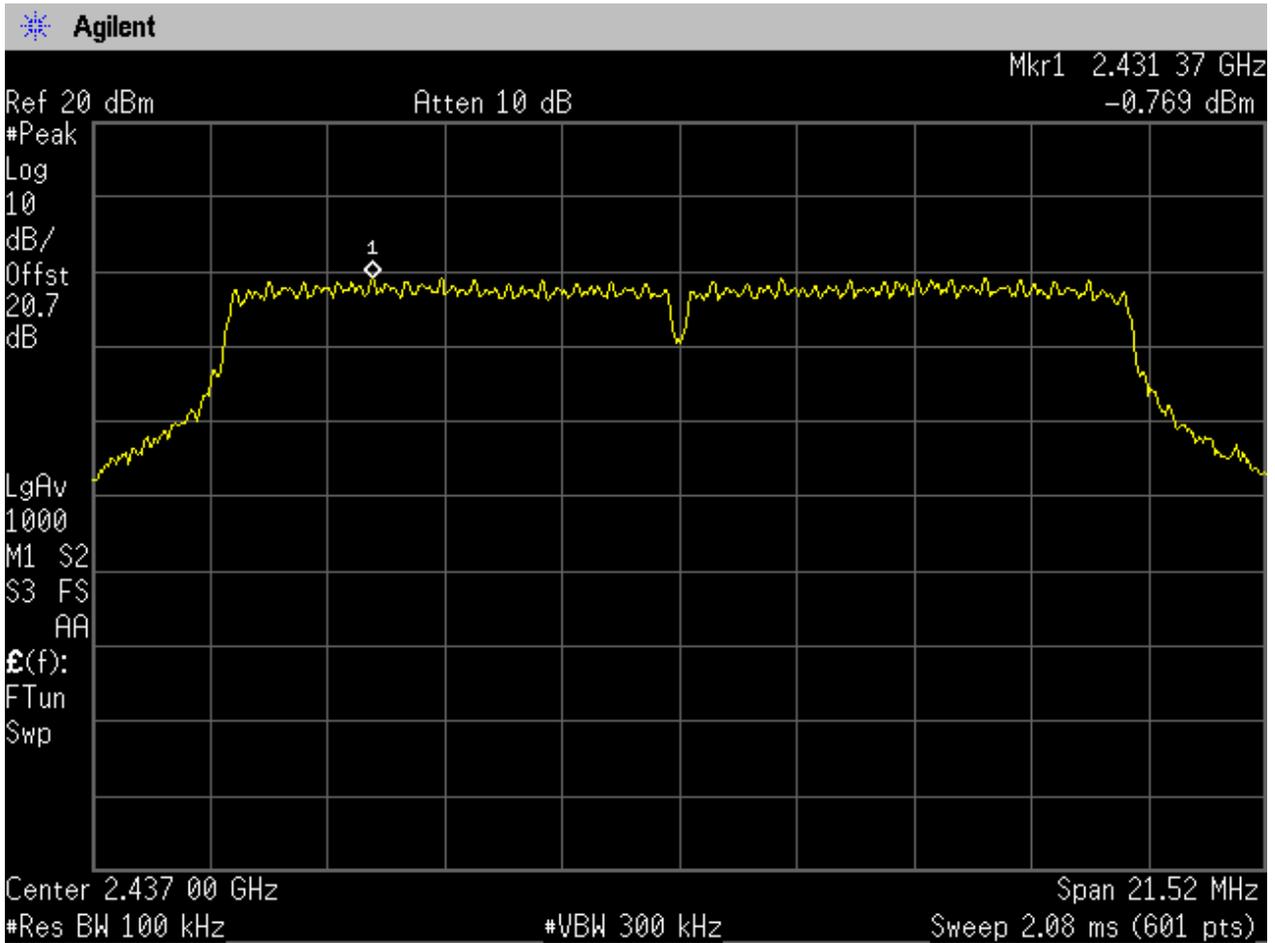
(Not applicable)

2.1411Gd/6_M@1+2

2.14.1 Ant 1 (Trace#1)



2.14.2 Ant 2 (Trace#2)



2.14.3 Trace#sum (if needed for final judgment)

(Not applicable)

2.1511Gd/6_T@1+2

2.15.1 Ant 1 (Trace#1)

